KERR-McGEE OIL & GAS ONSHORE LP

1099 18TH STREET • DENVER, COLORADO 80202
720-929-6000

KerrMcGee

June 9, 2008

Utah Division of Oil, Gas & Mining
1594 W. North Temple, STE 1210
Salt Lake City, UT 84114-5801

Attention: Diana Mason

RE: Twin Locations

Dear Diana:

Per our email correspondences on June 6, 2008 Kerr-McGee Oil & Gas Onshore LP is submitting this letter regarding our twin program. We have several wells that plan to twin in the next few years. Our plan is to drill a second well bore to the Mesaverde formation The currently producing wells are producing from the Wasatch formation and many will be plugged prior to drilling the Mesaverde well. Below is a current list of locations that we plan to drill a twin Mesaverde well.

✓Wissiup 820-36PT	Twin to the Wissiup 36-114	NBU 1022-3FT	Twin to the NBU 286
✓Federal 821-33MT	Twin to the Federal 33-93	NBU 1022-5BT	Twin to the NBU 140
NBU 920-15FT	Twin to the CIGE 22	NBU 1022-5IT	Twin to the NBU 338
NBU 921-26IT	Twin to the NBU 68-N2	NBU 1022-8IT	Twin to the CIGE 250
NBU 921-30FT	Twin to the NBU 261	NBU 1022-9AT	Twin to the NBU 291
NBU 921-31BT	Twin to the NBU 378	NBU 1022-10HT	Twin to the NBU 293
NBU 921-35AT	Twin to the CIGE 54D	NBU 1022-10FT	Twin to the NBU 248
NBU 922-31CT	Twin to the NBU 354	✓NBU 921-03BT	Twin to SHOYO 3-162
✓NBU 922-31GT	Twin to the CIGE 220	✓NBU 921-20IT	Twin to CIGE 70
NBU 922-32O1T	Twin to the NBU 404	NBU 921-27MT	Twin to NBU 395
NBU 922-32F3T	Twin to the CIGE 106D	NBU 921-27OT	Twin to NBU 305
NBU 922-35IT	Twin to the CIGE 118	✓NBU 921-15MT	Twin to NBU 191
NBU 922-36NT	Twin to the CIGE 147	NBU 921-27HT	Twin to NBU 109
✓NBU 1022-1CT	Twin to the CIGE 105D	NBU 921-27KT	Twin to NBU 83J
NBU 921-27LT	Twin to NBU 214		

RECEIVED
JUN 11 2008
DIV. OF OIL, GAS & MINING

KERR-MCGEE OIL & GAS ONSHORE LP

1099 18TH STREET • DENVER, COLORADO 80202
720-929-6000

KerrMcGee

NBU 1022-4N4T	Twin to NBU 148
NBU 922-31L4T	Twin to NBU 41J
NBU 1022-4L1T	Twin to NBU 147
NBU 1022-9F4T	Twin to NBU 150
NBU 1022-4P1T	Twin to NBU 208
NBU 1022-9D1T	Twin to NBU 151
NBU 1022-3G3T	Twin to NBU 185
NBU 1022-10A2T	Twin to NBU 117
NBU 921-11B3T	Twin to NBU 195
NBU 921-21E4T	Twin to NBU 127
NBU 921-8A4T	Twin to NBU 202

The above lists of well locations are planned for the 2008-2009 drilling program. This list may vary depending on the program. Please do not hesitate to call me if you have any further questions or need additional information.

Thank you,

Raleen White

Raleen White
Sr. Regulatory Analyst

Cc: SITLA – Ed Bonner
BLM Vernal Office – Verlyn Pindell

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-0141315

6. If Indian, Allotee or Tribe Name
UTE Tribe

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
891008900A

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

8. Lease Name and Well No.
NBU 921-11D4S

2. Name of Operator
Kerr-McGee Oil & Gas Onshore, LP

9. API Well No.
43-047-41298

3a. Address
P.O. Box 173779, Denver, CO 80217-3779

3b. Phone No. *(include area code)*
720.929.6226

10. Field and Pool, or Exploratory
Natural Buttes Field

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NWNE 667' FNL & 2033' FEL LAT 40.056028 LON -109.516181 (NAD 27)
At proposed prod. zone NWNW 1137' FNL & 1317' FWL, Sec. 11, T 9S, R 21E

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 11, T 9S, R 21E

14. Distance in miles and direction from nearest town or post office*
20.4 miles northwest of Ouray, Utah

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 667'	16. No. of acres in lease 800	17. Spacing Unit dedicated to this well 20
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 20'	19. Proposed Depth 10,780'	20. BLM/BIA Bond No. on file RLB0005239
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,832' GL	22. Approximate date work will start*	23. Estimated duration 10 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)* Kevin McIntyre	Date 07/29/2008
Title Regulatory Analyst		
Approved by *(Signature)*	Name *(Printed/Typed)* BRADLEY G. HILL	Date 08-05-08
Title	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

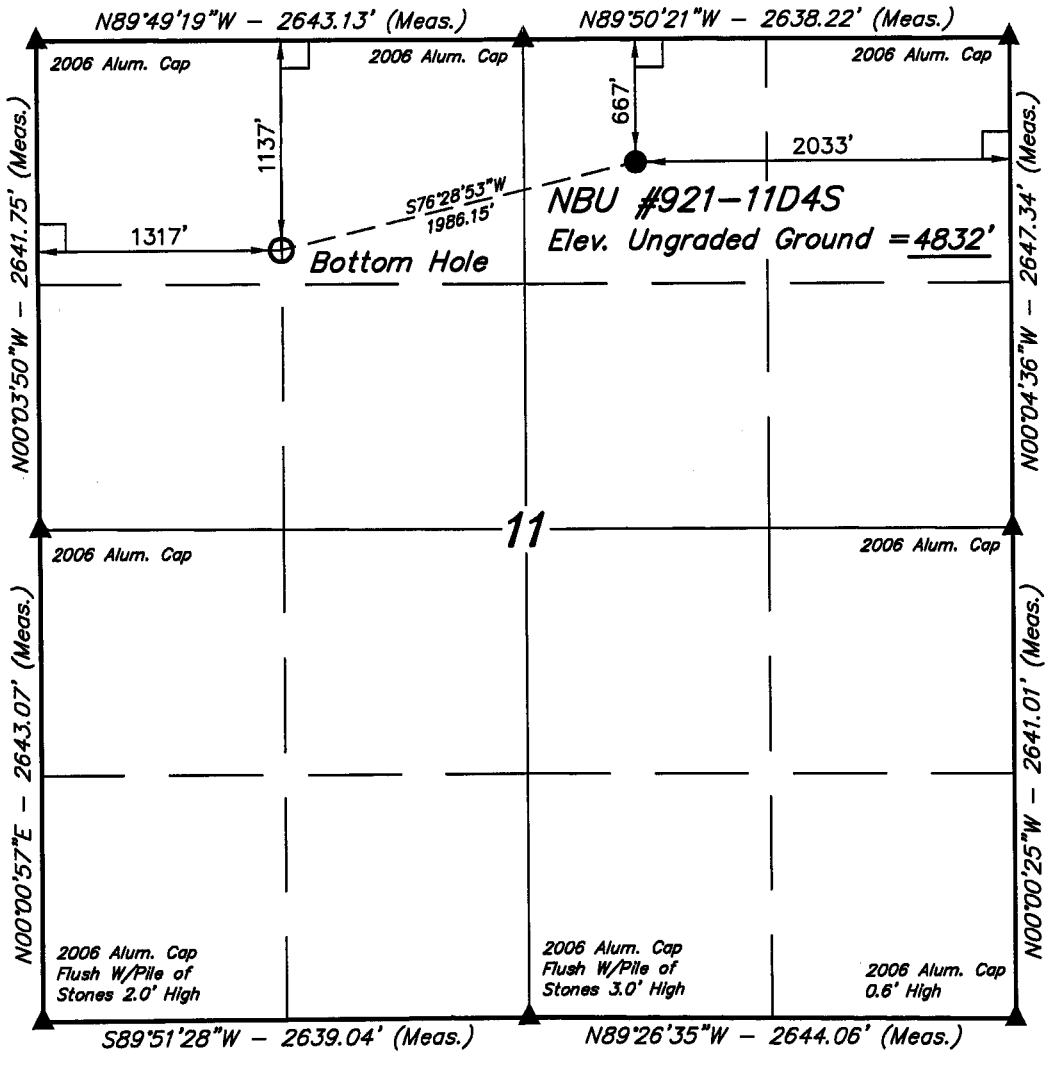
RECEIVED
AUG 04 2008
DIV. OF OIL, GAS & MINING

Federal Approval of this Action is Necessary

Surf
624561X
4434820 4
40.056022
-109.514175

BHL
625978X
44346704
40.054759
-109.523041

T9S, R21E, S.L.B.&M.



Kerr–McGee Oil & Gas Onshore LP

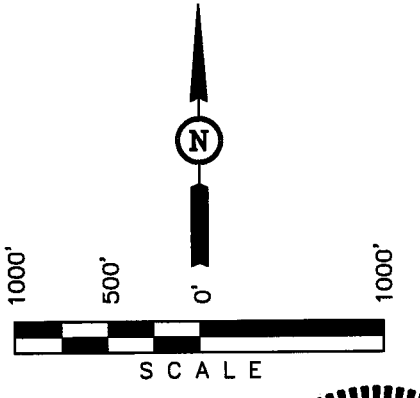
Well location, NBU #921–11D4S, located as shown in the NE 1/4 SE 1/4 of Section 11, T9S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 07–31–08

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°03'16.97" (40.054714)	LATITUDE = 40°03'21.57" (40.055992)
LONGITUDE = 109°31'25.56" (109.523767)	LONGITUDE = 109°31'00.73" (109.516869)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°03'17.10" (40.054750)	LATITUDE = 40°03'21.70" (40.056028)
LONGITUDE = 109°31'23.08" (109.523078)	LONGITUDE = 109°30'58.25" (109.516181)

UINTAH ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05–15–08	06–06–08
PARTY L.K. N.W. C.C.	**REFERENCES** G.L.O. PLAT	
WEATHER WARM	**FILE** Kerr–McGee Oil & Gas Onshore LP	

KerrMcGee

Kerr-McGee Oil & Gas Onshore LP
1999 Broadway, Suite 3700
Denver, CO 80205

July 30, 2008

Mrs. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

Re: Directional Drilling R649-3-11
NBU 921-11D4S
T9S-R21E
Section 11: NWNW
Surface: 667' FNL, 2033' FEL
Bottom Hole: 1137' FNL, 1317' FWL
Uintah County, Utah

Dear Mrs. Mason:

Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 921-11D4S is located within the Natural Buttes Unit area.
- Kerr-McGee is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to utilize the existing road and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit be granted pursuant to R649-3-11.

Sincerely,

KERR-MCGEE OIL & GAS ONSHORE LP

Jason K. Rayburn
Landman

NBU 921-11D4S
Twin to NBU 195
NWNE Sec. 11, T9S,R21E
UINTAH COUNTY, UTAH
UTU-0141315

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
Uinta	0- Surface
Green River	1928'
Bird's Nest	2238'
Mahogany	2754'
Wasatch	5232'
Mesaverde	8174'
MVU2	9124'
MVL1	9628'
TVD	10,300'
MD	10,780'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
	Green River	1928'
	Bird's Nest	2238'
	Mahogany	2754'
Gas	Wasatch	5232'
Gas	Mesaverde	8174'
Gas	MVU2	9124'
Gas	MVL1	9628'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10,300' TVD, approximately equals 4120 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3400 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP Onshore Order #2 – Air Drilling Variance
Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- *Blowout Prevention Equipment (BOPE) requirements;*
- *Mud program requirements; and*
- *Special drilling operation (surface equipment placement) requirements associated with air drilling.*

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background
In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is

not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements
The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements
Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements
Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A

booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

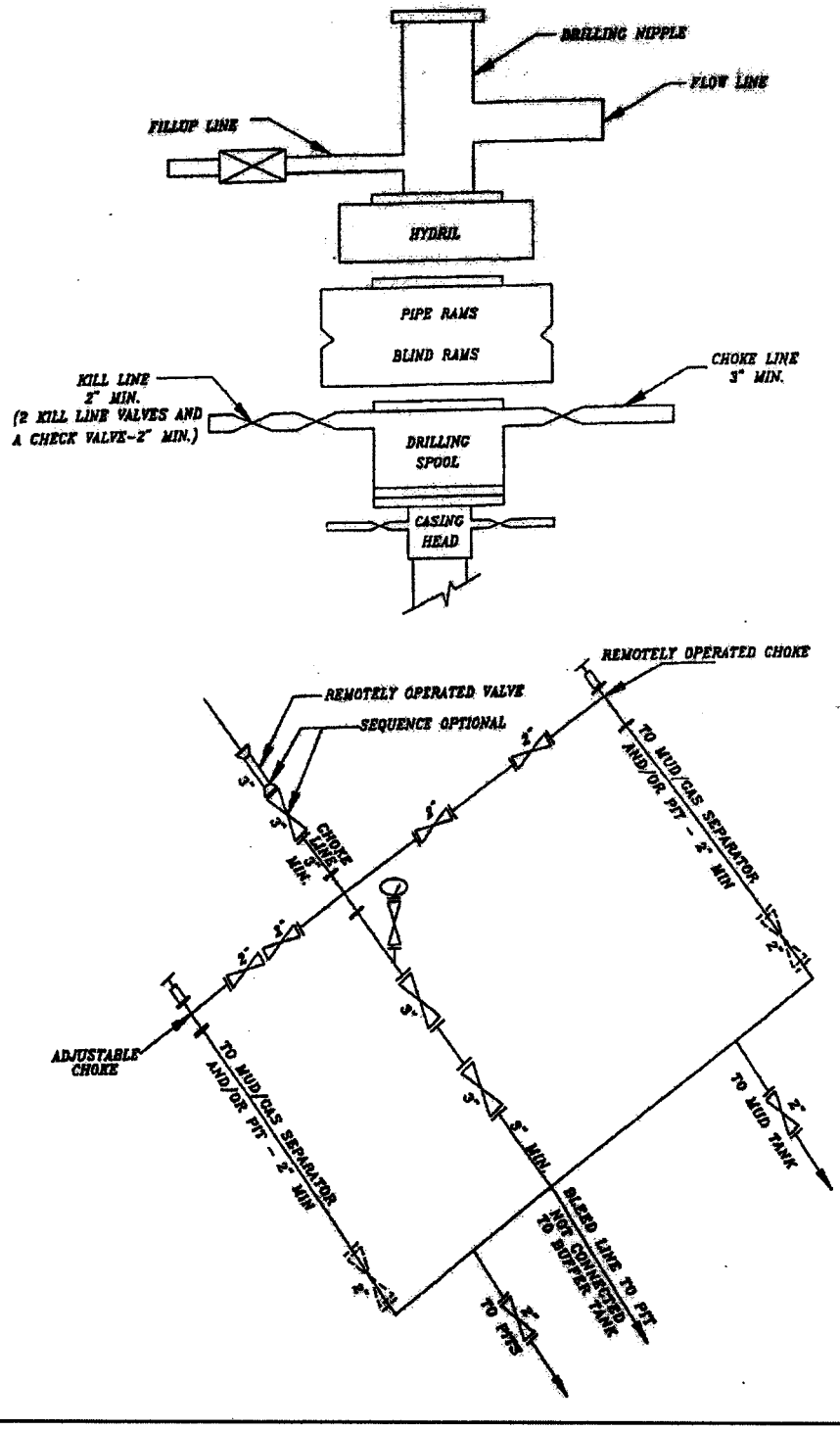
Conclusion
The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above..

10. Other Information:

Please see Natural Buttes Unit SOP.

NBU 921-11D4S

EXHIBIT A



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

NBU 921-11D4S
Twin to NBU 195
NWNE Sec. 11 ,T9S,R21E
UINTAH COUNTY, UTAH
UTU-0141315

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. **Planned Access Roads:**

Approximately 190' +/- of new access road is proposed. Refer to Topo Map B.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipelines.

A 170' rights-of-way will be required. Approximately 170' of 4" steel pipeline is proposed from the location to the tie-in point in Section 11, T9S, R21E. Please refer to the Topo Map D. The pipeline will be constructed utilizing existing rights were possible and pulled into place using a rubber tired tractor. The pipeline will be butt-welded together.

Variances to Best Management Practices (BMPs) Requested:

Approximately 170' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

Interim Surface Reclamation Plan:

This exception is requested due to the current twin and multi-well program. If determined that this well will not be a candidate for either twinning &/or multi-well the operator shall spread the topsoil pile on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The operator will reseed the area using the BLM recommended seed mixture and reclamation methods.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of **20 mil thick and felt**, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E, Pipeline Facility Sec. 36, T9S, R20E,Goat Pasture Evaporation Pond SW/4 Sec. 16, T10S, R22E, Bonanza Evaporation Pond Sec. 2, T10S, R23E *(Request is in lieu of filing Form 3160-5, after initial production).*

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

Upon reclamation of the pit the following seed mixture will be used. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for ***drilled*** seed are:

Crested Wheat Grass	12 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. **Surface/Mineral Ownership:**

The well pad and access road are located on lands owned by:

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

The mineral ownership is listed below:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. **Stipulations:**

- **Antelope Stipulations**

No construction from May 15 through June 20.

Critical Soils Stipulations:

No construction when wet.

13. **Other Information:**

A Class III archaeological survey and a paleontological survey have been performed and will be submitted.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. **Lessee's or Operator's Representative & Certification:**

Kevin McIntyre
Regulatory Analyst I
Kerr-McGee Oil & Gas Onshore LP
P.O. Box 173779
Denver, CO 80217-3779
(720) 929-6226

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

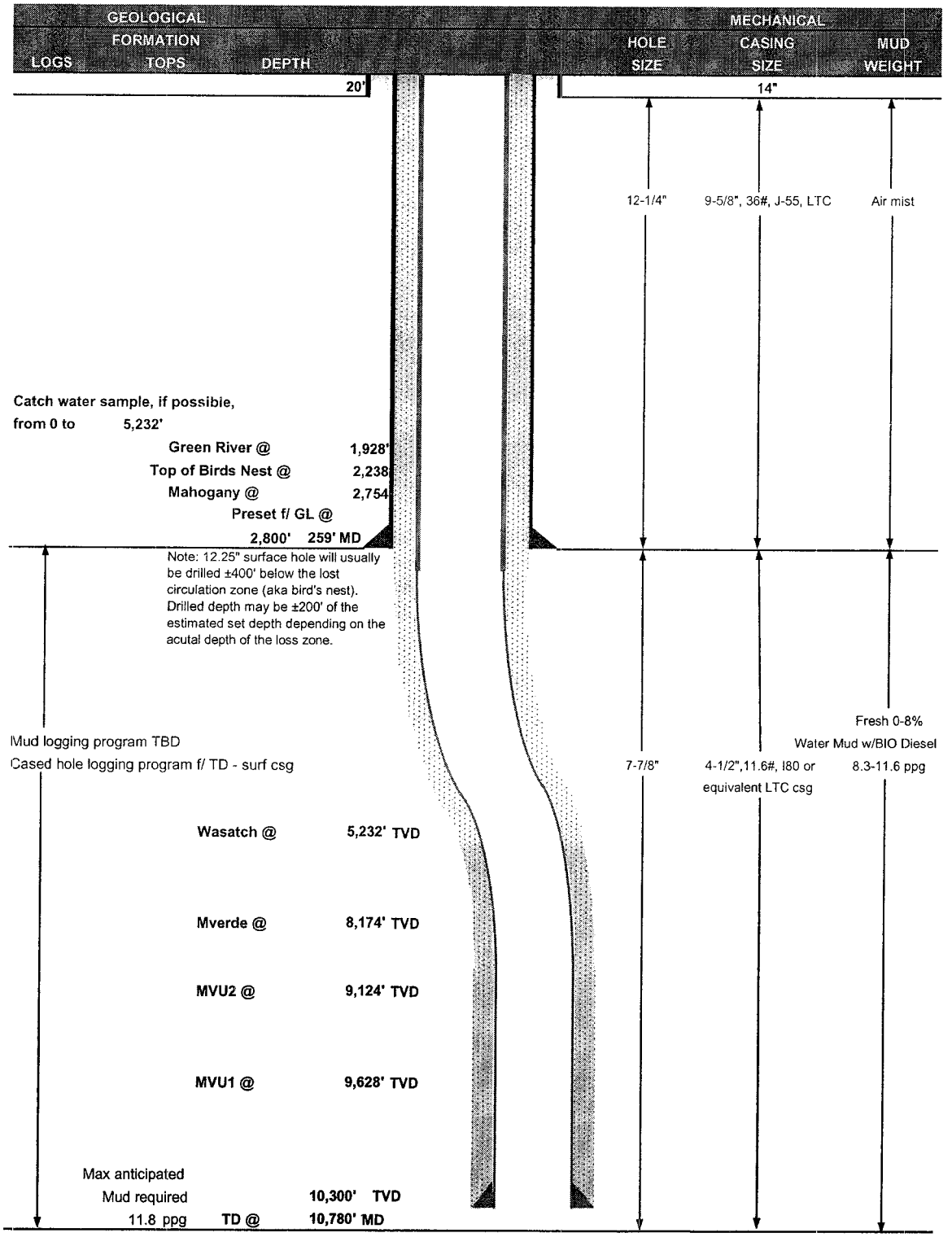
Kevin McIntyre

8/1/2008
Date

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP		DATE	August 1, 2008	
WELL NAME	**NBU 921-11D4S**		TD	10,300' TVD	10,780' MD
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	ELEVATION	4,832' GL KB 4,847'
SURFACE LOCATION	NWNE 667' FNL & 2033' FEL, Sec. 11, T 9S R 21E				
	Latitude: 40.056028	Longitude: -109.516181		NAD 27	
BTM HOLE LOCATION	NWNW 1137' FNL & 1317' FWL, Sec. 11, T 9S R 21E				
	Latitude: 40.05475	Longitude: -109.523078		NAD 27	
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: BLM (MINERALS), Tribe (SURFACE),UDOGM, Tri-County Health Dept.				



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						3520	2020	453000
SURFACE	9-5/8"	0 to 2800	36.00	J-55	LTC	0.87	1.54	5.72
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 10300	11.60	I-80	LTC	1.92	1.00	1.93

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 0.0 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 4120 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		**NOTE: If well will circulate water to surface, option 2 will be utilized**					
Option 2	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	7,670'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	830	60%	11.00	3.38
	TAIL	2,630'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	740	60%	14.30	1.31

*Substitute caliper hole volume plus 15% excess if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____ **DATE:** _____

Brad Laney

DRILLING SUPERINTENDENT: _____ **DATE:** _____

Randy Bayne

Weatherford

Drilling Services

Proposal

Anadarko KerrMcGee

NBU 921-11C3S

UINTAH COUNTY, UTAH

WELL FILE: **PLAN 1**

JULY 29, 2008

Weatherford International, Ltd.
2000 Oil Drive
Casper, Wyoming
+1.307.265.1413 Main
+1.307.235.3958 Fax
www.weatherford.com

ANADARKO KERR MCGEE OIL & GAS
NBU 921-11C3S
UINTAH COUNTY, UTAH

Azimuths to True North
Magnetic North: 11.49°

Magnetic Field
Strength: 52676nT
Dip Angle: 65.98°
Date: 7/23/2008
Model: bggm2007

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	256.45	0.00	0.00	0.00	0.00	0.00	0.00	
2	2860.00	0.00	256.45	2860.00	0.00	0.00	0.00	0.00	0.00	
3	3860.00	30.00	256.45	3814.93	-59.96	-248.75	3.00	256.45	255.87	
4	6706.10	30.00	256.45	6279.72	-393.41	-1632.18	0.00	0.00	1678.92	
5	7906.10	0.00	256.45	7425.64	-465.36	-1930.67	2.50	180.00	1985.97	
6	10780.46	0.00	256.45	10300.00	-465.36	-1930.67	0.00	0.00	1985.97	PBHL 11C3S

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
11C3S	39.46	-5.44	633611.09	2555255.33	40°03'21.700N	109°30'58.250W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	1928.00	1928.00	Green River
2	5232.00	5496.29	Wasatch
3	8174.00	8654.46	Mesaverde

FIELD DETAILS

UINTAH COUNTY, UTAH (NAD 27)

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: Utah, Central Zone
Magnetic Model: bggm2007

System Datum: Mean Sea Level
Local North: True North

CASING DETAILS

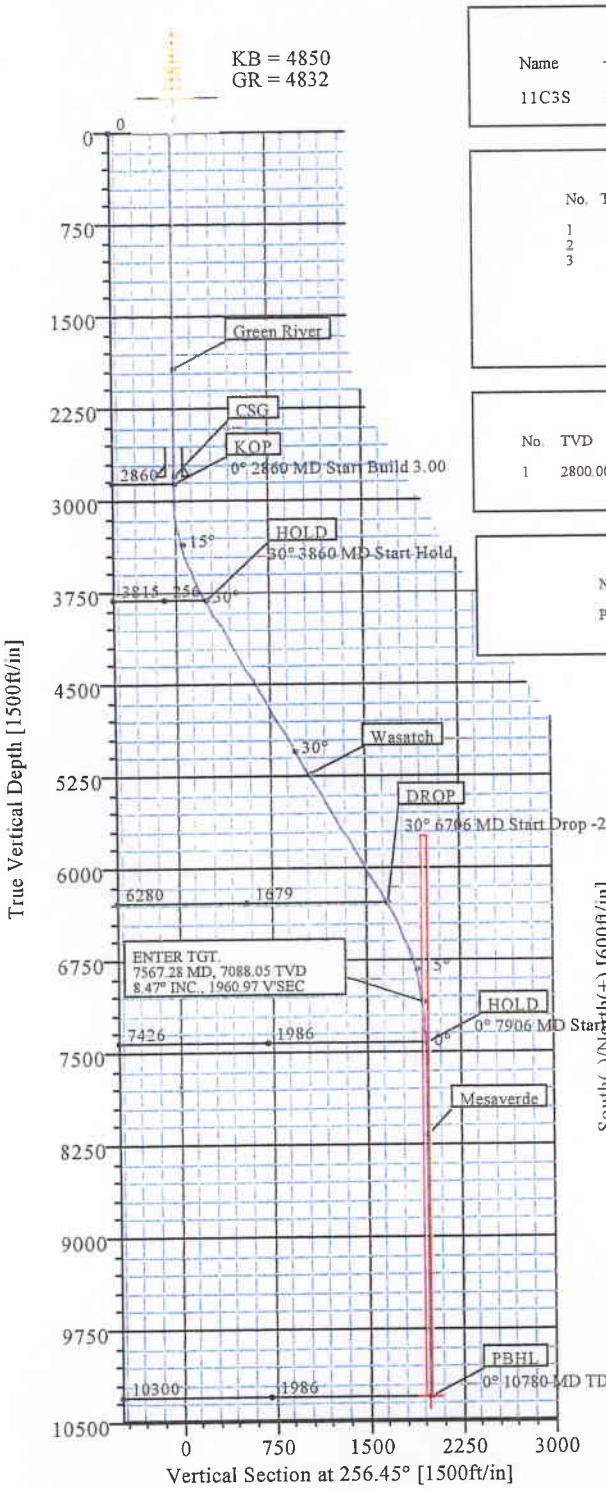
No.	TVD	MD	Name	Size
1	2800.00	2800.00	CSG	0.00

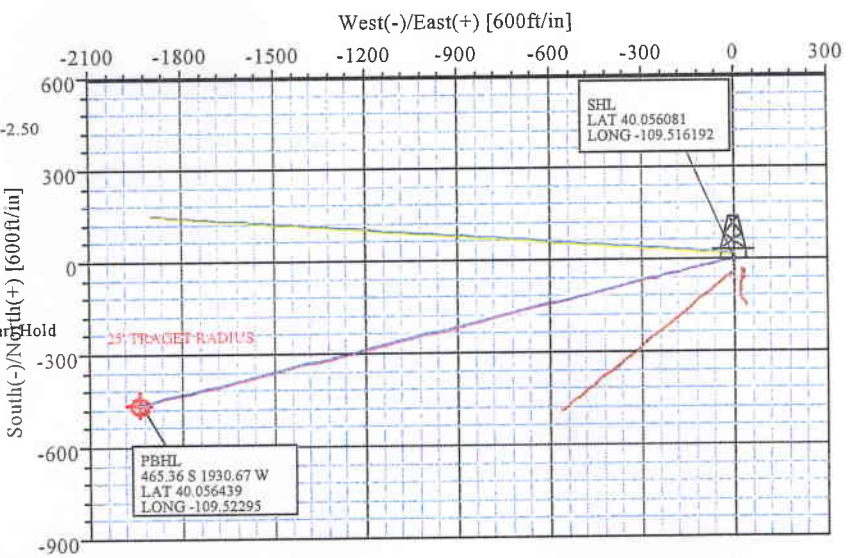
LEGEND

11B3S (1)
11B3T (1)
11C2S (1)
EXISTING N195 (1)
Plan #1

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL 11C3S	10300.00	-465.36	-1930.67	40°03'17.100N	109°31'23.080W	Circle (Radius: 25)





Plan: Plan #1 (11C3S/1)

Created By: Russell Joyner Date: 7/29/2008

Weatherford
WELL PLAN REPORT

Company:	Anadarko-Kerr-McGee	**Date:** 7/24/2008	**Time:** 10:53:02	**Page:**	1
Field:	UINTAH COUNTY, UTAH (NAD 27)	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Site:	NBU 921-11B PAD	**Vertical (TVD) Reference:**	SITE 4850.0		
Well:	11C3S	**Section (VS) Reference:**	Well (0.00N,0.00E,256.45Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Plan:	Plan #1	**Date Composed:**	7/23/2008
		Version:	1
Principal:	Yes	**Tied-to:**	From Surface

Field:	UINTAH COUNTY, UTAH (NAD 27)		
Map System:	US State Plane Coordinate System 1927	**Map Zone:**	Utah, Central Zone
Geo Datum:	NAD27 (Clarke 1866)	**Coordinate System:**	Well Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	bggm2007

Site:	NBU 921-11B PAD				
Site Position:		**Northing:**	633571.76 ft	**Latitude:**	40 3 21.310 N
From:	Geographic	**Easting:**	2555261.65 ft	**Longitude:**	109 30 58.180 W
Position Uncertainty:	0.00 ft			**North Reference:**	True
Ground Level:	4832.00 ft			**Grid Convergence:**	1.27 deg

Well:	11C3S				**Slot Name:**	
Well Position:	+N/-S	39.46 ft	**Northing:**	633611.09 ft	**Latitude:**	40 3 21.700 N
	+E/-W	-5.44 ft	**Easting :**	2555255.33 ft	**Longitude:**	109 30 58.250 W
Position Uncertainty:		0.00 ft				

Wellpath:	1			**Drilled From:**	Surface
				Tie-on Depth:	0.00 ft
Current Datum:	SITE	**Height**	4850.00 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	7/23/2008			**Declination:**	11.49 deg
Field Strength:	52676 nT			**Mag Dip Angle:**	65.98 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	0.00	0.00	0.00	256.45

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	256.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2860.00	0.00	256.45	2860.00	0.00	0.00	0.00	0.00	0.00	0.00	
3860.00	30.00	256.45	3814.93	-59.96	-248.75	3.00	3.00	0.00	256.45	
6706.10	30.00	256.45	6279.72	-393.41	-1632.18	0.00	0.00	0.00	0.00	
7906.10	0.00	256.45	7425.64	-465.36	-1930.67	2.50	-2.50	0.00	180.00	
10780.46	0.00	256.45	10300.00	-465.36	-1930.67	0.00	0.00	0.00	0.00	PBHL 11C3S

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
2800.00	0.00	256.45	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	CSG
2860.00	0.00	256.45	2860.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2900.00	1.20	256.45	2900.00	-0.10	-0.41	0.42	3.00	3.00	0.00	
3000.00	4.20	256.45	2999.87	-1.20	-4.99	5.13	3.00	3.00	0.00	
3100.00	7.20	256.45	3099.37	-3.53	-14.64	15.06	3.00	3.00	0.00	
3200.00	10.20	256.45	3198.21	-7.07	-29.34	30.18	3.00	3.00	0.00	
3300.00	13.20	256.45	3296.12	-11.82	-49.06	50.46	3.00	3.00	0.00	
3400.00	16.20	256.45	3392.83	-17.77	-73.72	75.83	3.00	3.00	0.00	
3500.00	19.20	256.45	3488.09	-24.89	-103.28	106.23	3.00	3.00	0.00	
3600.00	22.20	256.45	3581.62	-33.18	-137.64	141.58	3.00	3.00	0.00	
3700.00	25.20	256.45	3673.18	-42.59	-176.71	181.77	3.00	3.00	0.00	
3800.00	28.20	256.45	3762.51	-53.12	-220.38	226.69	3.00	3.00	0.00	
3860.00	30.00	256.45	3814.93	-59.96	-248.75	255.87	3.00	3.00	0.00	HOLD
3900.00	30.00	256.45	3849.57	-64.64	-268.19	275.87	0.00	0.00	0.00	
4000.00	30.00	256.45	3936.17	-76.36	-316.80	325.87	0.00	0.00	0.00	

Weatherford
WELL PLAN REPORT

Anadarko Kerr-McGee

Weatherford

Company:	Anadarko-Kerr-McGee	**Date:** 7/24/2008 **Time:** 10:53:02	**Page:** 2
Field:	UINTAH COUNTY, UTAH (NAD 27)	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North
Site:	NBU 921-11B PAD	**Vertical (TVD) Reference:**	SITE 4850.0
Well:	11C3S	**Section (VS) Reference:**	Well (0.00N,0.00E,256.45Azi)
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
4100.00	30.00	256.45	4022.78	-88.08	-365.41	375.87	0.00	0.00	0.00	
4200.00	30.00	256.45	4109.38	-99.79	-414.02	425.87	0.00	0.00	0.00	
4300.00	30.00	256.45	4195.98	-111.51	-462.62	475.87	0.00	0.00	0.00	
4400.00	30.00	256.45	4282.58	-123.23	-511.23	525.87	0.00	0.00	0.00	
4500.00	30.00	256.45	4369.19	-134.94	-559.84	575.87	0.00	0.00	0.00	
4600.00	30.00	256.45	4455.79	-146.66	-608.45	625.87	0.00	0.00	0.00	
4700.00	30.00	256.45	4542.39	-158.37	-657.06	675.87	0.00	0.00	0.00	
4800.00	30.00	256.45	4628.99	-170.09	-705.66	725.87	0.00	0.00	0.00	
4900.00	30.00	256.45	4715.60	-181.81	-754.27	775.87	0.00	0.00	0.00	
5000.00	30.00	256.45	4802.20	-193.52	-802.88	825.87	0.00	0.00	0.00	
5100.00	30.00	256.45	4888.80	-205.24	-851.49	875.87	0.00	0.00	0.00	
5200.00	30.00	256.45	4975.40	-216.96	-900.09	925.87	0.00	0.00	0.00	
5300.00	30.00	256.45	5062.01	-228.67	-948.70	975.87	0.00	0.00	0.00	
5400.00	30.00	256.45	5148.61	-240.39	-997.31	1025.87	0.00	0.00	0.00	
5496.29	30.00	256.45	5232.00	-251.67	-1044.12	1074.02	0.00	0.00	0.00	Wasatch
5500.00	30.00	256.45	5235.21	-252.10	-1045.92	1075.87	0.00	0.00	0.00	
5600.00	30.00	256.45	5321.81	-263.82	-1094.53	1125.87	0.00	0.00	0.00	
5700.00	30.00	256.45	5408.42	-275.54	-1143.13	1175.87	0.00	0.00	0.00	
5800.00	30.00	256.45	5495.02	-287.25	-1191.74	1225.87	0.00	0.00	0.00	
5900.00	30.00	256.45	5581.62	-298.97	-1240.35	1275.87	0.00	0.00	0.00	
6000.00	30.00	256.45	5668.22	-310.69	-1288.96	1325.87	0.00	0.00	0.00	
6100.00	30.00	256.45	5754.83	-322.40	-1337.57	1375.87	0.00	0.00	0.00	
6200.00	30.00	256.45	5841.43	-334.12	-1386.17	1425.87	0.00	0.00	0.00	
6300.00	30.00	256.45	5928.03	-345.83	-1434.78	1475.87	0.00	0.00	0.00	
6400.00	30.00	256.45	6014.63	-357.55	-1483.39	1525.87	0.00	0.00	0.00	
6500.00	30.00	256.45	6101.24	-369.27	-1532.00	1575.87	0.00	0.00	0.00	
6600.00	30.00	256.45	6187.84	-380.98	-1580.61	1625.87	0.00	0.00	0.00	
6700.00	30.00	256.45	6274.44	-392.70	-1629.21	1675.87	0.00	0.00	0.00	
6706.10	30.00	256.45	6279.72	-393.41	-1632.18	1678.92	0.00	0.00	0.00	DROP
6800.00	27.65	256.45	6361.98	-404.02	-1676.19	1724.19	2.50	-2.50	0.00	
6900.00	25.15	256.45	6451.55	-414.44	-1719.41	1768.66	2.50	-2.50	0.00	
7000.00	22.65	256.45	6542.96	-423.94	-1758.80	1809.17	2.50	-2.50	0.00	
7100.00	20.15	256.45	6636.06	-432.49	-1794.27	1845.66	2.50	-2.50	0.00	
7200.00	17.65	256.45	6730.66	-440.08	-1825.77	1878.05	2.50	-2.50	0.00	
7300.00	15.15	256.45	6826.58	-446.69	-1853.22	1906.29	2.50	-2.50	0.00	
7400.00	12.65	256.45	6923.64	-452.32	-1876.57	1930.31	2.50	-2.50	0.00	
7500.00	10.15	256.45	7021.66	-456.95	-1895.79	1950.08	2.50	-2.50	0.00	
7567.28	8.47	256.45	7088.05	-459.50	-1906.37	1960.97	2.50	-2.50	0.00	ENT. TGT
7600.00	7.65	256.45	7120.45	-460.58	-1910.83	1965.56	2.50	-2.50	0.00	
7700.00	5.15	256.45	7219.82	-463.19	-1921.67	1976.71	2.50	-2.50	0.00	
7800.00	2.65	256.45	7319.58	-464.79	-1928.29	1983.51	2.50	-2.50	0.00	
7900.00	0.15	256.45	7419.54	-465.36	-1930.67	1985.96	2.50	-2.50	0.00	
7906.10	0.00	256.45	7425.64	-465.36	-1930.67	1985.97	2.50	-2.50	0.00	HOLD
8000.00	0.00	256.45	7519.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8100.00	0.00	256.45	7619.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8200.00	0.00	256.45	7719.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8300.00	0.00	256.45	7819.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8400.00	0.00	256.45	7919.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8500.00	0.00	256.45	8019.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8600.00	0.00	256.45	8119.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8654.46	0.00	256.45	8174.00	-465.36	-1930.67	1985.97	0.00	0.00	0.00	Mesaverde
8700.00	0.00	256.45	8219.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
8800.00	0.00	256.45	8319.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	

Weatherford
WELL PLAN REPORT

Company:	Anadarko-Kerr-McGee	**Date:** 7/24/2008	**Time:** 10:53:02	**Page:**	3
Field:	UINTAH COUNTY, UTAH (NAD 27)	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Site:	NBU 921-11B PAD	**Vertical (TVD) Reference:**	SITE 4850.0		
Well:	11C3S	**Section (VS) Reference:**	Well (0.00N,0.00E,256.45Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
8900.00	0.00	256.45	8419.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9000.00	0.00	256.45	8519.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9100.00	0.00	256.45	8619.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9200.00	0.00	256.45	8719.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9300.00	0.00	256.45	8819.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9400.00	0.00	256.45	8919.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9500.00	0.00	256.45	9019.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9600.00	0.00	256.45	9119.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9700.00	0.00	256.45	9219.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9800.00	0.00	256.45	9319.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
9900.00	0.00	256.45	9419.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10000.00	0.00	256.45	9519.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10100.00	0.00	256.45	9619.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10200.00	0.00	256.45	9719.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10300.00	0.00	256.45	9819.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10400.00	0.00	256.45	9919.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10500.00	0.00	256.45	10019.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10600.00	0.00	256.45	10119.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10700.00	0.00	256.45	10219.54	-465.36	-1930.67	1985.97	0.00	0.00	0.00	
10780.46	0.00	256.45	10300.00	-465.36	-1930.67	1985.97	0.00	0.00	0.00	PBHL 11C3S

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ----> Deg Min Sec	<--- Longitude ---> Deg Min Sec
PBHL 11C3S -Circle (Radius: 25) -Plan hit target			10300.00	-465.36	-1930.67	633103.02	2553335.45	40 3 17.100 N	109 31 23.080 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2800.00	2800.00	0.00	0.00	CSG

Annotation

MD ft	TVD ft	
2860.00	2860.00	KOP
3860.00	3814.93	HOLD
6706.10	6279.72	DROP
7567.28	7088.05	ENT. TGT
7906.10	7425.64	HOLD
10780.45	10299.99	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1928.00	1928.00	Green River		0.00	0.00
5496.29	5232.00	Wasatch		0.00	0.00
8654.46	8174.00	Mesaverde		0.00	0.00

Weatherford®

Weatherford Drilling Services

GeoDec v4.3.065

Report Date:	July 29, 2008
Job Number:	
Customer:	ANADARKO
Well Name:	NBU 921-11C3S
API Number:	
Rig Name:	
Location:	UINTAH COUNYT, UTAH
Block:	
Engineer:	R JOYNER

Geodetic Latitude / Longitude
System: Latitude / Longitude
Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Latitude 40 3 21.7000000 DMS
Longitude -109 30 58.2500000 DMS

Geodetic Latitude / Longitude
System: Latitude / Longitude
Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Latitude 40.0560278 DEG
Longitude -109.5161806 DEG

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	40.05603° N	40° 3 min 21.700 sec
Longitude =	109.51618° W	109° 30 min 58.250 sec

Magnetic Declination =	11.4880°	[True North Offset]	
Local Gravity =	.9995 g		
Local Field Strength =	52675 nT	Magnetic Vector X =	21011 nT
Magnetic Dip =	65.9820°	Magnetic Vector Y =	4270 nT
Magnetic Model =	bggm2007	Magnetic Vector Z =	48114 nT
Spud Date =	Jul 29, 2008	Magnetic Vector H =	21440 nT

Signed:_____ Date:_____

Weatherford
Anticollision Report

Company:	Anadarko-Kerr-McGee	**Date:** 7/29/2008	**Time:** 07:22:09	**Page:**	1
Field:	UINTAH COUNTY, UTAH (NAD 27)				
Reference Site:	NBU 921-11B PAD	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Reference Well:	11C3S	**Vertical (TVD) Reference:**	SITE 4850.0		
Reference Wellpath:	1			**Db:**	Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria
Interpolation Method: MD + Stations **Interval:** 100.00 ft
Depth Range: 0.00 **to** 9376.38 ft
Maximum Radius: 10000.00 ft

Reference: Plan: Plan #1
Error Model: ISCWSA Ellipse
Scan Method: Closest Approach 3D
Error Surface: Ellipse

Plan: Plan #1
Principal: Yes

Date Composed: 7/23/2008
Version: 1
Tied-to: From Surface

Summary

<-------- Offset Wellpath --------> Site	Well	Wellpath	Reference MD ft	Offset MD ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
NBU 1022-7A PAD	7A4CS	1 V1 Plan: Plan #2 V1						Out of range
NBU 921-11B PAD	11B3T	1 V0 Plan: Plan #1 V1	3000.00	2999.87	20.40	8.07	1.66	
NBU 921-11B PAD	11C2S	1 V0 Plan: Plan #1 V1	2900.00	2899.91	19.60	7.70	1.65	

Site: NBU 921-11B PAD
Well: 11B3T
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	173.43	-20.24	2.33	20.37			No Data
100.00	100.00	100.00	100.00	0.09	0.09	173.43	-20.24	2.33	20.37	20.20	118.63	
200.00	200.00	200.00	200.00	0.30	0.30	173.43	-20.24	2.33	20.37	19.78	34.50	
300.00	300.00	300.00	300.00	0.50	0.50	173.43	-20.24	2.33	20.37	19.36	20.18	
400.00	400.00	400.00	400.00	0.71	0.71	173.43	-20.24	2.33	20.37	18.95	14.26	
500.00	500.00	500.00	500.00	0.92	0.92	173.43	-20.24	2.33	20.37	18.53	11.03	
600.00	600.00	600.00	600.00	1.13	1.13	173.43	-20.24	2.33	20.37	18.11	8.99	
700.00	700.00	700.00	700.00	1.34	1.34	173.43	-20.24	2.33	20.37	17.69	7.59	
800.00	800.00	800.00	800.00	1.55	1.55	173.43	-20.24	2.33	20.37	17.27	6.56	
900.00	900.00	900.00	900.00	1.76	1.76	173.43	-20.24	2.33	20.37	16.85	5.78	
1000.00	1000.00	1000.00	1000.00	1.97	1.97	173.43	-20.24	2.33	20.37	16.43	5.17	
1100.00	1100.00	1100.00	1100.00	2.18	2.18	173.43	-20.24	2.33	20.37	16.01	4.67	
1200.00	1200.00	1200.00	1200.00	2.39	2.39	173.43	-20.24	2.33	20.37	15.59	4.26	
1300.00	1300.00	1300.00	1300.00	2.60	2.60	173.43	-20.24	2.33	20.37	15.18	3.92	
1400.00	1400.00	1400.00	1400.00	2.81	2.81	173.43	-20.24	2.33	20.37	14.76	3.63	
1500.00	1500.00	1500.00	1500.00	3.02	3.02	173.43	-20.24	2.33	20.37	14.34	3.38	
1600.00	1600.00	1600.00	1600.00	3.23	3.23	173.43	-20.24	2.33	20.37	13.92	3.16	
1700.00	1700.00	1700.00	1700.00	3.44	3.44	173.43	-20.24	2.33	20.37	13.50	2.96	
1800.00	1800.00	1800.00	1800.00	3.65	3.65	173.43	-20.24	2.33	20.37	13.08	2.79	
1900.00	1900.00	1900.00	1900.00	3.86	3.86	173.43	-20.24	2.33	20.37	12.66	2.64	
2000.00	2000.00	2000.00	2000.00	4.07	4.07	173.43	-20.24	2.33	20.37	12.24	2.51	
2100.00	2100.00	2100.00	2100.00	4.27	4.27	173.43	-20.24	2.33	20.37	11.82	2.38	
2200.00	2200.00	2200.00	2200.00	4.48	4.48	173.43	-20.24	2.33	20.37	11.41	2.27	
2300.00	2300.00	2300.00	2300.00	4.69	4.69	173.43	-20.24	2.33	20.37	10.99	2.17	
2400.00	2400.00	2400.00	2400.00	4.90	4.90	173.43	-20.24	2.33	20.37	10.57	2.08	
2500.00	2500.00	2500.00	2500.00	5.11	5.11	173.43	-20.24	2.33	20.37	10.15	1.99	
2600.00	2600.00	2600.00	2600.00	5.32	5.32	173.43	-20.24	2.33	20.37	9.73	1.91	
2700.00	2700.00	2700.00	2700.00	5.53	5.53	173.43	-20.24	2.33	20.37	9.31	1.84	
2800.00	2800.00	2800.00	2800.00	5.74	5.74	173.43	-20.24	2.33	20.37	8.89	1.77	
2860.00	2860.00	2860.00	2860.00	5.87	5.87	173.43	-20.24	2.33	20.37	8.64	1.74	
2900.00	2900.00	2900.00	2900.00	5.95	5.95	275.81	-20.24	2.33	20.33	8.43	1.71	
3000.00	2999.87	2999.87	2999.87	6.16	6.16	262.55	-20.24	2.33	20.40	8.07	1.66	
3100.00	3099.37	3099.37	3099.37	6.38	6.37	238.31	-20.24	2.33	23.82	11.08	1.87	
3200.00	3198.21	3198.21	3198.21	6.60	6.57	216.56	-20.24	2.33	34.30	21.19	2.62	
3300.00	3296.12	3296.12	3296.12	6.85	6.78	203.41	-20.24	2.33	52.07	38.60	3.87	
3400.00	3392.83	3392.83	3392.83	7.14	6.98	196.02	-20.24	2.33	76.09	62.29	5.51	

Anadarko Kerr-McGee

Weatherford
Anticollision Report

Weatherford

Company:	Anadarko-Kerr-McGee	**Date:** 7/29/2008	**Time:** 07:22:09	**Page:**	2
Field:	UINTAH COUNTY, UTAH (NAD 27)				
Reference Site:	NBU 921-11B PAD	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Reference Well:	11C3S	**Vertical (TVD) Reference:**	SITE 4850.0		
Reference Wellpath:	1			**Db:**	Sybase

Site: NBU 921-11B PAD
Well: 11B3T
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
3500.00	3488.09	3488.09	3488.09	7.48	7.18	191.66	-20.24	2.33	105.71	91.58	7.48	
3600.00	3581.62	3581.62	3581.62	7.89	7.38	188.92	-20.24	2.33	140.56	126.12	9.73	
3700.00	3673.18	3673.18	3673.18	8.38	7.57	187.11	-20.24	2.33	180.43	165.68	12.23	
3800.00	3762.51	3762.51	3762.51	8.96	7.76	185.84	-20.24	2.33	225.13	210.08	14.96	
3860.00	3814.93	3814.93	3814.93	9.36	7.87	185.27	-20.24	2.33	254.20	238.98	16.70	
3900.00	3849.57	3849.57	3849.57	9.65	7.94	184.88	-20.24	2.33	274.14	258.73	17.79	
4000.00	3936.17	3936.17	3936.17	10.40	8.12	184.13	-20.24	2.33	324.03	308.14	20.39	
4100.00	4022.78	4022.78	4022.78	11.20	8.30	183.58	-20.24	2.33	373.94	357.57	22.83	
4200.00	4109.38	4109.38	4109.38	12.03	8.48	183.16	-20.24	2.33	423.88	407.01	25.12	
4300.00	4195.98	4195.98	4195.98	12.89	8.66	182.82	-20.24	2.33	473.83	456.45	27.27	
4400.00	4282.58	4282.58	4282.58	13.77	8.85	182.55	-20.24	2.33	523.79	505.90	29.28	
4500.00	4369.19	4369.19	4369.19	14.67	9.03	182.33	-20.24	2.33	573.75	555.35	31.18	
4600.00	4455.79	4455.79	4455.79	15.59	9.21	182.15	-20.24	2.33	623.72	604.80	32.96	
4700.00	4542.39	4542.39	4542.39	16.52	9.39	181.99	-20.24	2.33	673.70	654.24	34.63	
4800.00	4628.99	4628.99	4628.99	17.46	9.57	181.85	-20.24	2.33	723.68	703.69	36.21	
4900.00	4715.60	4715.60	4715.60	18.41	9.75	181.73	-20.24	2.33	773.66	753.14	37.70	
5000.00	4802.20	4802.20	4802.20	19.37	9.93	181.62	-20.24	2.33	823.64	802.58	39.11	
5100.00	4888.80	4888.80	4888.80	20.34	10.12	181.53	-20.24	2.33	873.63	852.03	40.44	
5200.00	4975.40	4975.40	4975.40	21.31	10.30	181.45	-20.24	2.33	923.62	901.47	41.70	
5300.00	5062.01	5062.01	5062.01	22.29	10.48	181.37	-20.24	2.33	973.61	950.91	42.90	
5400.00	5148.61	5148.61	5148.61	23.27	10.66	181.31	-20.24	2.33	1023.59	1000.35	44.03	
5500.00	5235.21	5235.21	5235.21	24.25	10.84	181.25	-20.24	2.33	1073.59	1049.78	45.11	
5600.00	5321.81	5321.81	5321.81	25.24	11.02	181.19	-20.24	2.33	1123.58	1099.22	46.13	
5700.00	5408.42	5408.42	5408.42	26.23	11.20	181.14	-20.24	2.33	1173.57	1148.66	47.11	
5800.00	5495.02	5495.02	5495.02	27.23	11.39	181.09	-20.24	2.33	1223.56	1198.09	48.04	
5900.00	5581.62	5581.62	5581.62	28.22	11.57	181.05	-20.24	2.33	1273.56	1247.52	48.92	
6000.00	5668.22	5668.22	5668.22	29.22	11.75	181.01	-20.24	2.33	1323.55	1296.96	49.77	
6100.00	5754.83	5754.83	5754.83	30.22	11.93	180.97	-20.24	2.33	1373.54	1346.39	50.58	
6200.00	5841.43	5841.43	5841.43	31.23	12.11	180.94	-20.24	2.33	1423.54	1395.82	51.35	
6300.00	5928.03	5928.03	5928.03	32.23	12.29	180.91	-20.24	2.33	1473.53	1445.25	52.09	
6400.00	6014.63	6014.63	6014.63	33.24	12.47	180.88	-20.24	2.33	1523.53	1494.68	52.80	
6500.00	6101.24	6101.24	6101.24	34.24	12.65	180.85	-20.24	2.33	1573.52	1544.10	53.48	
6600.00	6187.84	6187.84	6187.84	35.25	12.84	180.82	-20.24	2.33	1623.52	1593.53	54.13	
6700.00	6274.44	6274.44	6274.44	36.26	13.02	180.80	-20.24	2.33	1673.52	1642.96	54.76	
6706.10	6279.72	6279.72	6279.72	36.32	13.03	180.80	-20.24	2.33	1676.56	1645.97	54.80	
6800.00	6361.98	6361.98	6361.98	37.09	13.20	180.76	-20.24	2.33	1721.83	1690.76	55.40	
6900.00	6451.55	6451.55	6451.55	37.69	13.39	180.72	-20.24	2.33	1766.30	1734.90	56.26	
7000.00	6542.96	6542.96	6542.96	38.24	13.58	180.69	-20.24	2.33	1806.81	1775.14	57.06	
7100.00	6636.06	6636.06	6636.06	38.71	13.77	180.67	-20.24	2.33	1843.29	1811.41	57.80	
7200.00	6730.66	6730.66	6730.66	39.13	13.97	180.65	-20.24	2.33	1875.69	1843.62	58.50	
7300.00	6826.58	6826.58	6826.58	39.48	14.17	180.63	-20.24	2.33	1903.92	1871.73	59.15	
7400.00	6923.64	6923.64	6923.64	39.77	14.38	180.62	-20.24	2.33	1927.94	1895.68	59.76	
7500.00	7021.66	7021.66	7021.66	39.99	14.58	180.60	-20.24	2.33	1947.71	1915.42	60.33	
7600.00	7120.45	7120.45	7120.45	40.14	14.79	180.60	-20.24	2.33	1963.18	1930.93	60.86	
7700.00	7219.82	7219.82	7219.82	40.24	15.00	180.59	-20.24	2.33	1974.33	1942.16	61.37	
7800.00	7319.58	7319.58	7319.58	40.27	15.21	180.59	-20.24	2.33	1981.14	1949.10	61.84	
7900.00	7419.54	7419.54	7419.54	40.24	15.42	180.58	-20.24	2.33	1983.59	1951.74	62.29	
7906.10	7425.64	7425.64	7425.64	40.24	15.43	77.03	-20.24	2.33	1983.59	1928.73	36.16	
8000.00	7519.54	7519.54	7519.54	40.24	15.63	77.03	-20.24	2.33	1983.59	1928.54	36.03	
8100.00	7619.54	7619.54	7619.54	40.30	15.83	77.03	-20.24	2.33	1983.59	1928.26	35.85	
8200.00	7719.54	7719.54	7719.54	40.36	16.04	77.03	-20.24	2.33	1983.59	1927.99	35.68	

Company:	Anadarko-Kerr-McGee	**Date:** 7/29/2008	**Time:** 07:22:09	**Page:**	3
Field:	UINTAH COUNTY, UTAH (NAD 27)				
Reference Site:	NBU 921-11B PAD	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Reference Well:	11C3S	**Vertical (TVD) Reference:**	SITE 4850.0		
Reference Wellpath:	1			**Db:**	Sybase

Site: NBU 921-11B PAD
Well: 11B3T
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
8300.00	7819.54	7819.54	7819.54	40.42	16.25	77.03	-20.24	2.33	1983.59	1927.72	35.50	
8400.00	7919.54	7919.54	7919.54	40.49	16.46	77.03	-20.24	2.33	1983.59	1927.44	35.33	
8500.00	8019.54	8019.54	8019.54	40.55	16.67	77.03	-20.24	2.33	1983.59	1927.17	35.15	
8600.00	8119.54	8119.54	8119.54	40.62	16.88	77.03	-20.24	2.33	1983.59	1926.89	34.98	
8700.00	8219.54	8219.54	8219.54	40.69	17.09	77.03	-20.24	2.33	1983.59	1926.61	34.81	
8800.00	8319.54	8319.54	8319.54	40.75	17.30	77.03	-20.24	2.33	1983.59	1926.34	34.64	
8900.00	8419.54	8419.54	8419.54	40.82	17.51	77.03	-20.24	2.33	1983.59	1926.06	34.48	
9000.00	8519.54	8519.54	8519.54	40.89	17.72	77.03	-20.24	2.33	1983.59	1925.78	34.31	
9100.00	8619.54	8619.54	8619.54	40.96	17.93	77.03	-20.24	2.33	1983.59	1925.49	34.14	
9200.00	8719.54	8719.54	8719.54	41.03	18.14	77.03	-20.24	2.33	1983.59	1925.21	33.98	
9300.00	8819.54	8819.54	8819.54	41.11	18.35	77.03	-20.24	2.33	1983.59	1924.93	33.81	

Site: NBU 921-11B PAD
Well: 11C2S
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	350.81	19.22	-3.11	19.47			No Data
100.00	100.00	100.00	100.00	0.09	0.09	350.81	19.22	-3.11	19.47	19.30	113.37	
200.00	200.00	200.00	200.00	0.30	0.30	350.81	19.22	-3.11	19.47	18.88	32.97	
300.00	300.00	300.00	300.00	0.50	0.50	350.81	19.22	-3.11	19.47	18.46	19.29	
400.00	400.00	400.00	400.00	0.71	0.71	350.81	19.22	-3.11	19.47	18.04	13.63	
500.00	500.00	500.00	500.00	0.92	0.92	350.81	19.22	-3.11	19.47	17.62	10.54	
600.00	600.00	600.00	600.00	1.13	1.13	350.81	19.22	-3.11	19.47	17.20	8.59	
700.00	700.00	700.00	700.00	1.34	1.34	350.81	19.22	-3.11	19.47	16.78	7.25	
800.00	800.00	800.00	800.00	1.55	1.55	350.81	19.22	-3.11	19.47	16.37	6.27	
900.00	900.00	900.00	900.00	1.76	1.76	350.81	19.22	-3.11	19.47	15.95	5.53	
1000.00	1000.00	1000.00	1000.00	1.97	1.97	350.81	19.22	-3.11	19.47	15.53	4.94	
1100.00	1100.00	1100.00	1100.00	2.18	2.18	350.81	19.22	-3.11	19.47	15.11	4.47	
1200.00	1200.00	1200.00	1200.00	2.39	2.39	350.81	19.22	-3.11	19.47	14.69	4.07	
1300.00	1300.00	1300.00	1300.00	2.60	2.60	350.81	19.22	-3.11	19.47	14.27	3.75	
1400.00	1400.00	1400.00	1400.00	2.81	2.81	350.81	19.22	-3.11	19.47	13.85	3.47	
1500.00	1500.00	1500.00	1500.00	3.02	3.02	350.81	19.22	-3.11	19.47	13.43	3.23	
1600.00	1600.00	1600.00	1600.00	3.23	3.23	350.81	19.22	-3.11	19.47	13.02	3.02	
1700.00	1700.00	1700.00	1700.00	3.44	3.44	350.81	19.22	-3.11	19.47	12.60	2.83	
1800.00	1800.00	1800.00	1800.00	3.65	3.65	350.81	19.22	-3.11	19.47	12.18	2.67	
1900.00	1900.00	1900.00	1900.00	3.86	3.86	350.81	19.22	-3.11	19.47	11.76	2.52	
2000.00	2000.00	2000.00	2000.00	4.07	4.07	350.81	19.22	-3.11	19.47	11.34	2.39	
2100.00	2100.00	2100.00	2100.00	4.27	4.27	350.81	19.22	-3.11	19.47	10.92	2.28	
2200.00	2200.00	2200.00	2200.00	4.48	4.48	350.81	19.22	-3.11	19.47	10.50	2.17	
2300.00	2300.00	2300.00	2300.00	4.69	4.69	350.81	19.22	-3.11	19.47	10.08	2.07	
2400.00	2400.00	2400.00	2400.00	4.90	4.90	350.81	19.22	-3.11	19.47	9.66	1.99	
2500.00	2500.00	2500.00	2500.00	5.11	5.11	350.81	19.22	-3.11	19.47	9.25	1.90	
2600.00	2600.00	2600.00	2600.00	5.32	5.32	350.81	19.22	-3.11	19.47	8.83	1.83	
2700.00	2700.00	2700.00	2700.00	5.53	5.53	350.81	19.22	-3.11	19.47	8.41	1.76	
2800.00	2800.00	2800.00	2800.00	5.74	5.74	350.81	19.22	-3.11	19.47	7.99	1.70	
2860.00	2860.00	2860.00	2860.00	5.87	5.87	350.81	19.22	-3.11	19.47	7.74	1.66	
2900.00	2900.00	2899.91	2899.90	5.95	5.95	94.39	19.25	-3.53	19.60	7.70	1.65	
3000.00	2999.87	2999.66	2999.53	6.16	6.16	94.67	19.57	-8.20	21.02	8.70	1.71	
3100.00	3099.37	3099.36	3098.73	6.38	6.37	95.15	20.25	-18.05	24.03	11.29	1.89	
3200.00	3198.21	3198.97	3197.19	6.60	6.60	95.67	21.29	-33.04	28.62	15.42	2.17	

Company:	Anadarko-Kerr-McGee	**Date:** 7/29/2008	**Time:** 07:22:09	**Page:**	4
Field:	UINTAH COUNTY, UTAH (NAD 27)				
Reference Site:	NBU 921-11B PAD	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Reference Well:	11C3S	**Vertical (TVD) Reference:**	SITE 4850.0		
Reference Wellpath:	1			**Db:**	Sybase

Site: NBU 921-11B PAD
Well: 11C2S
Wellpath: 1 V0 Plan: Plan #1 V1 **Inter-Site Error:** 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
3300.00	3296.12	3298.46	3294.62	6.85	6.85	96.12	22.67	-53.10	34.76	21.07	2.54	
3400.00	3392.83	3397.79	3390.72	7.14	7.13	96.47	24.40	-78.15	42.45	28.19	2.98	
3500.00	3488.09	3496.94	3485.20	7.48	7.47	96.70	26.47	-108.09	51.67	36.73	3.46	
3600.00	3581.62	3595.87	3577.80	7.89	7.87	96.83	28.86	-142.80	62.37	46.63	3.96	
3700.00	3673.18	3694.57	3668.26	8.38	8.36	96.88	31.58	-182.14	74.53	57.82	4.46	
3800.00	3762.51	3793.00	3756.33	8.96	8.93	96.85	34.61	-225.98	88.12	70.24	4.93	
3860.00	3814.93	3851.92	3807.93	9.36	9.33	96.81	36.56	-254.36	96.94	78.27	5.19	
3900.00	3849.57	3891.40	3842.12	9.65	9.61	96.86	37.92	-274.04	103.00	83.76	5.35	
4000.00	3936.17	3990.24	3927.73	10.40	10.36	96.96	41.33	-323.34	118.17	97.43	5.70	
4100.00	4022.78	4089.09	4013.33	11.20	11.16	97.03	44.73	-372.65	133.34	111.00	5.97	
4200.00	4109.38	4187.93	4098.93	12.03	11.99	97.09	48.13	-421.95	148.51	124.51	6.19	
4300.00	4195.98	4286.77	4184.53	12.89	12.85	97.13	51.54	-471.26	163.68	137.96	6.36	
4400.00	4282.58	4385.62	4270.13	13.77	13.73	97.17	54.94	-520.56	178.85	151.36	6.51	
4500.00	4369.19	4484.46	4355.73	14.67	14.63	97.21	58.35	-569.86	194.01	164.73	6.63	
4600.00	4455.79	4583.30	4441.33	15.59	15.55	97.23	61.75	-619.17	209.18	178.06	6.72	
4700.00	4542.39	4682.14	4526.93	16.52	16.48	97.26	65.15	-668.47	224.35	191.37	6.80	
4800.00	4628.99	4780.99	4612.53	17.46	17.43	97.28	68.56	-717.78	239.52	204.66	6.87	
4900.00	4715.60	4879.83	4698.13	18.41	18.38	97.30	71.96	-767.08	254.69	217.92	6.93	
5000.00	4802.20	4978.67	4783.73	19.37	19.34	97.31	75.36	-816.38	269.86	231.17	6.98	
5100.00	4888.80	5077.52	4869.33	20.34	20.31	97.33	78.77	-865.69	285.03	244.41	7.02	
5200.00	4975.40	5176.36	4954.93	21.31	21.28	97.34	82.17	-914.99	300.20	257.64	7.05	
5300.00	5062.01	5275.20	5040.53	22.29	22.26	97.35	85.57	-964.30	315.36	270.85	7.08	
5400.00	5148.61	5374.04	5126.13	23.27	23.24	97.37	88.98	-1013.60	330.53	284.06	7.11	
5500.00	5235.21	5472.89	5211.73	24.25	24.23	97.38	92.38	-1062.90	345.70	297.26	7.14	
5600.00	5321.81	5571.73	5297.33	25.24	25.22	97.38	95.79	-1112.21	360.87	310.45	7.16	
5700.00	5408.42	5670.57	5382.93	26.23	26.21	97.39	99.19	-1161.51	376.04	323.63	7.18	
5800.00	5495.02	5769.42	5468.53	27.23	27.21	97.40	102.59	-1210.82	391.21	336.81	7.19	
5900.00	5581.62	5868.26	5554.13	28.22	28.21	97.41	106.00	-1260.12	406.38	349.99	7.21	
6000.00	5668.22	5967.10	5639.73	29.22	29.21	97.41	109.40	-1309.42	421.55	363.16	7.22	
6100.00	5754.83	6065.94	5725.33	30.22	30.21	97.42	112.80	-1358.73	436.72	376.33	7.23	
6200.00	5841.43	6164.79	5810.93	31.23	31.22	97.43	116.21	-1408.03	451.89	389.49	7.24	
6300.00	5928.03	6263.63	5896.53	32.23	32.23	97.43	119.61	-1457.34	467.05	402.65	7.25	
6400.00	6014.63	6362.47	5982.13	33.24	33.24	97.44	123.01	-1506.64	482.22	415.80	7.26	
6500.00	6101.24	6461.31	6067.73	34.24	34.24	97.44	126.42	-1555.94	497.39	428.96	7.27	
6600.00	6187.84	6561.19	6154.36	35.25	35.20	97.48	129.84	-1605.54	512.53	442.13	7.28	
6700.00	6274.44	6663.07	6244.42	36.26	35.93	97.89	133.12	-1653.04	527.22	455.11	7.31	
6706.10	6279.72	6669.27	6249.97	36.32	35.97	97.93	133.31	-1655.80	528.09	455.89	7.31	
6800.00	6361.98	6764.80	6336.37	37.09	36.53	98.88	136.12	-1696.44	541.13	467.64	7.36	
6900.00	6451.55	6866.50	6430.13	37.69	37.07	99.84	138.83	-1735.71	553.92	479.37	7.43	
7000.00	6542.96	6968.13	6525.48	38.24	37.53	100.74	141.25	-1770.77	565.58	490.09	7.49	
7100.00	6636.06	7069.68	6622.23	38.71	37.93	101.60	143.37	-1801.56	576.07	499.79	7.55	
7200.00	6730.66	7171.13	6720.14	39.13	38.26	102.42	145.20	-1828.02	585.38	508.43	7.61	
7300.00	6826.58	7272.45	6819.00	39.48	38.52	103.20	146.73	-1850.10	593.47	516.01	7.66	
7400.00	6923.64	7373.61	6918.59	39.77	38.71	103.95	147.95	-1867.78	600.35	522.50	7.71	
7500.00	7021.66	7474.59	7018.68	39.99	38.84	104.67	148.86	-1881.04	606.00	527.90	7.76	
7600.00	7120.45	7575.36	7119.05	40.14	38.90	105.37	149.47	-1889.88	610.41	532.19	7.80	
7700.00	7219.82	7675.90	7219.49	40.24	38.90	106.04	149.78	-1894.30	613.58	535.36	7.84	
7800.00	7319.58	7776.00	7319.58	40.27	38.88	106.65	149.81	-1894.86	615.51	560.42	11.17	
7900.00	7419.54	7875.96	7419.54	40.24	38.93	106.88	149.81	-1894.86	616.22	561.08	11.18	
7906.10	7425.64	7882.06	7425.64	40.24	38.93	3.33	149.81	-1894.86	616.22	583.39	18.77	
8000.00	7519.54	7975.96	7519.54	40.24	38.99	3.33	149.81	-1894.86	616.22	583.25	18.69	

Weatherford
Anticollision Report

Company:	Anadarko-Kerr-McGee	**Date:** 7/29/2008	**Time:** 07:22:09	**Page:**	5
Field:	UINTAH COUNTY, UTAH (NAD 27)				
Reference Site:	NBU 921-11B PAD	**Co-ordinate(NE) Reference:**	Well: 11C3S, True North		
Reference Well:	11C3S	**Vertical (TVD) Reference:**	SITE 4850.0		
Reference Wellpath:	1			**Db:**	Sybase

Site: NBU 921-11B PAD
Well: 11C2S
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
8100.00	7619.54	8075.96	7619.54	40.30	39.05	3.33	149.81	-1894.86	616.22	582.98	18.54	
8200.00	7719.54	8175.96	7719.54	40.36	39.11	3.33	149.81	-1894.86	616.22	582.69	18.38	
8300.00	7819.54	8275.96	7819.54	40.42	39.18	3.33	149.81	-1894.86	616.22	582.41	18.22	
8400.00	7919.54	8375.96	7919.54	40.49	39.24	3.33	149.81	-1894.86	616.22	582.12	18.07	
8500.00	8019.54	8475.96	8019.54	40.55	39.31	3.33	149.81	-1894.86	616.22	581.83	17.92	
8600.00	8119.54	8575.96	8119.54	40.62	39.38	3.33	149.81	-1894.86	616.22	581.54	17.77	
8700.00	8219.54	8675.96	8219.54	40.69	39.45	3.33	149.81	-1894.86	616.22	581.24	17.62	
8800.00	8319.54	8775.96	8319.54	40.75	39.52	3.33	149.81	-1894.86	616.22	580.94	17.47	
8900.00	8419.54	8875.96	8419.54	40.82	39.59	3.33	149.81	-1894.86	616.22	580.64	17.32	
9000.00	8519.54	8975.96	8519.54	40.89	39.66	3.33	149.81	-1894.86	616.22	580.34	17.17	
9100.00	8619.54	9075.96	8619.54	40.96	39.73	3.33	149.81	-1894.86	616.22	580.03	17.03	
9200.00	8719.54	9175.96	8719.54	41.03	39.80	3.33	149.81	-1894.86	616.22	579.72	16.88	
9300.00	8819.54	9275.96	8819.54	41.11	39.88	3.33	149.81	-1894.86	616.22	579.41	16.74	

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 5.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 190' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 190' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.4 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S

LOCATED IN UINTAH COUNTY, UTAH
SECTION 11, T9S, R21E, S.L.B.&M.

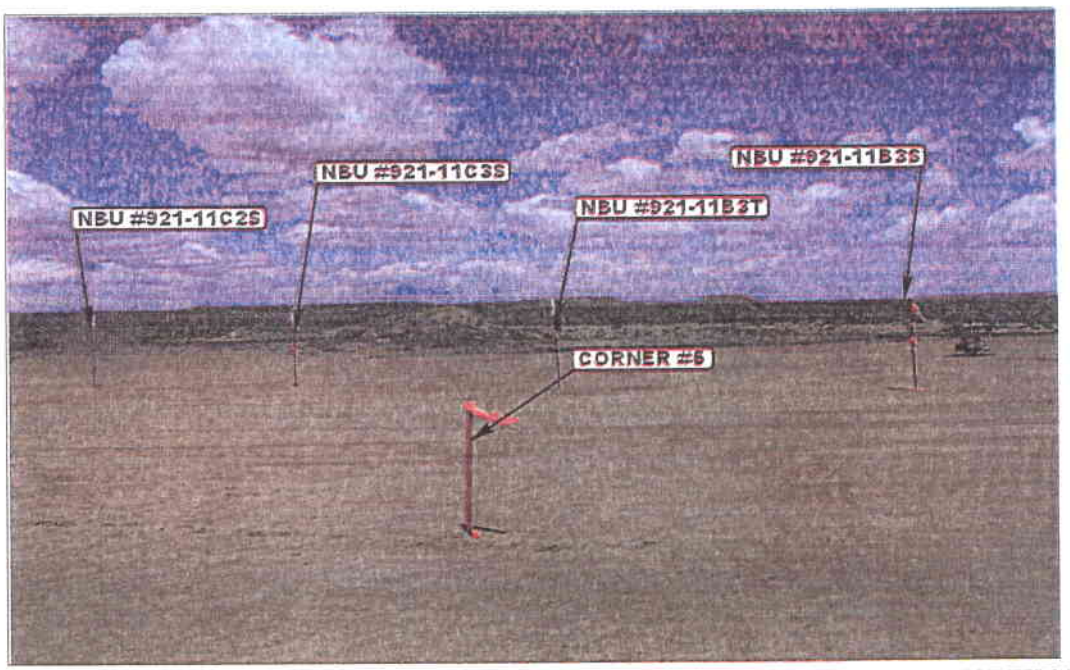


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES — CAMERA ANGLE: NORTHEASTERLY

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS — CAMERA ANGLE: SOUTHEASTERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	06 MONTH	27 DAY	08 YEAR	PHOTO
TAKEN BY: L.K. & T.A.	DRAWN BY: J.J.	REVISED: 00-00-00		

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S

LOCATED IN UINTAH COUNTY, UTAH
SECTION 11, T9S, R21E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

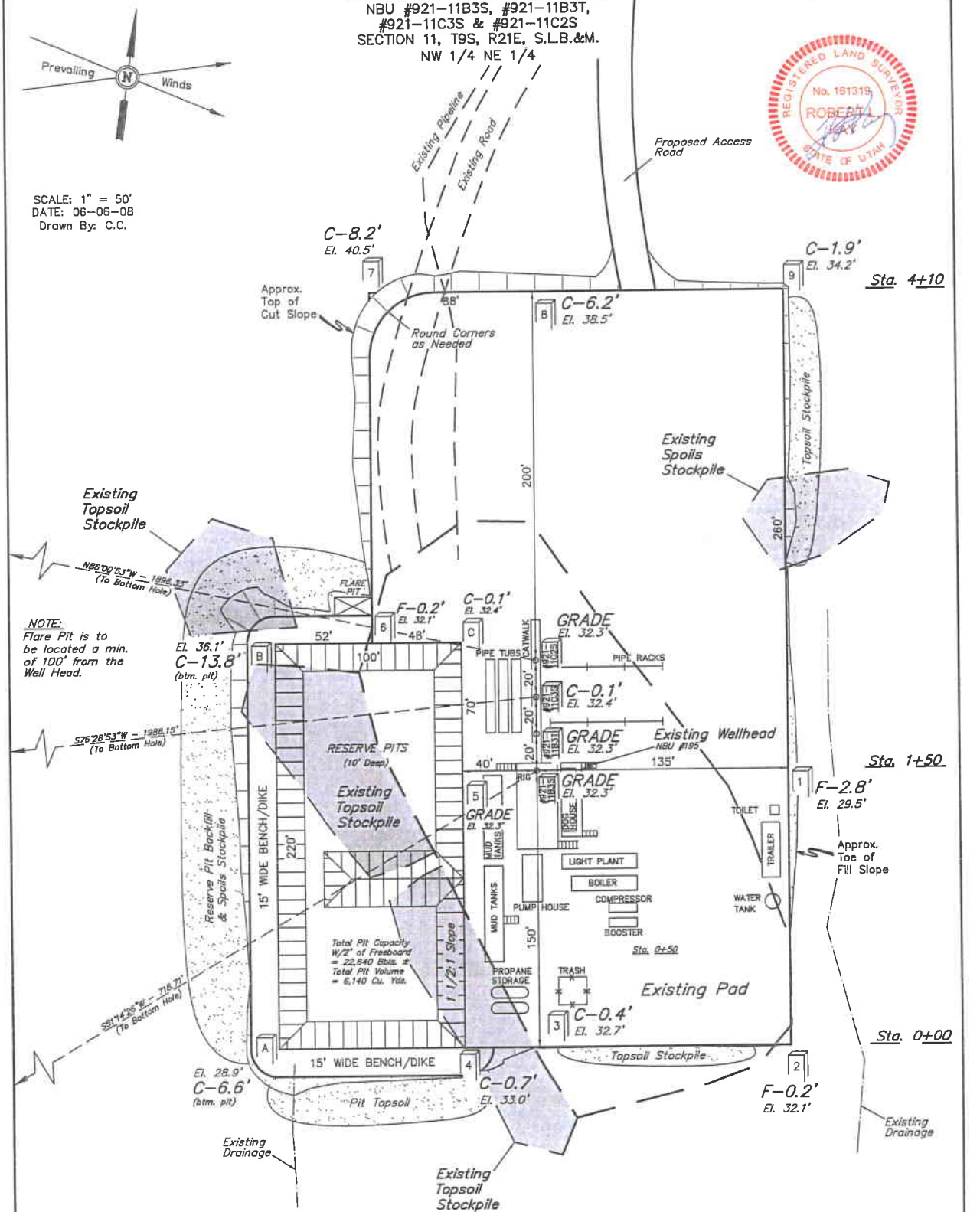
LOCATION PHOTO	06 MONTH	27 DAY	08 YEAR	PHOTO
TAKEN BY: T.A.	DRAWN BY: J.J.	REVISED: 00-00-00		

Kerr-McGee Oil & Gas Onshore LP

SITE PLAN LAYOUT FOR

NBU #921-11B3S, #921-11B3T,
#921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

FIGURE #1



NOTES:

Elev. Ungraded Ground At #921-11B3S Loc. Stake = 4832.3'

FINISHED GRADE ELEV. AT #921-11B3S LOC. STAKE = 4832.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

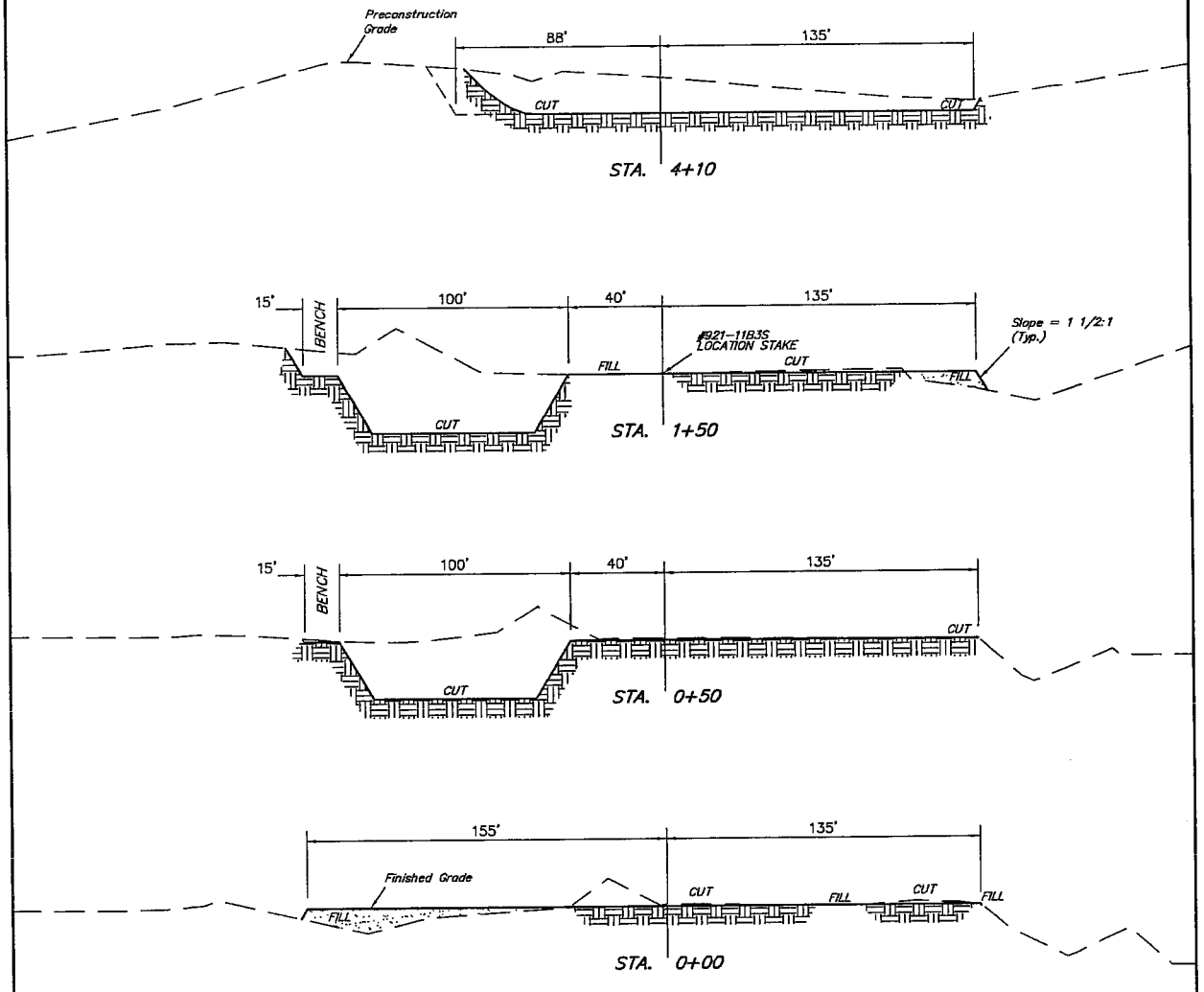
TYPICAL CROSS SECTIONS FOR
NBU #921-11B3S, #921-11B3T,
#921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

FIGURE #2

1" = 20'
X-Section
Scale
1" = 50'

DATE: 06-06-08
Drawn By: C.C.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

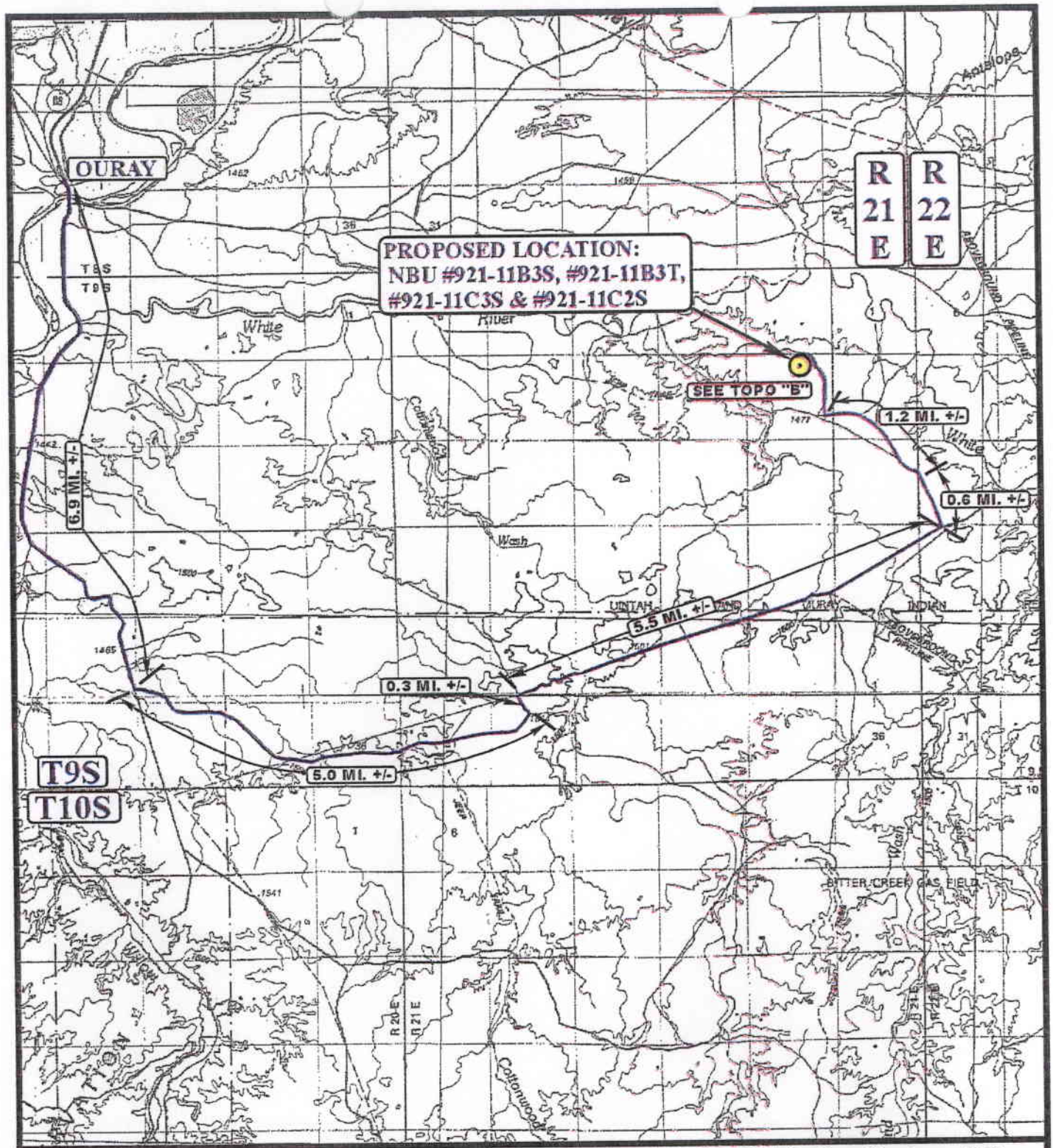
CUT
(12") Topsoil Stripping = *2,490* Cu. Yds.
(New Construction Only)
Remaining Location = *11,270* Cu. Yds.

TOTAL CUT = *13,760* CU.YDS.
FILL = *1,180* CU.YDS.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = *12,580* Cu. Yds.
Topsoil & Pit Backfill = *5,560* Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = *7,020* Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*



LEGEND:

PROPOSED LOCATION

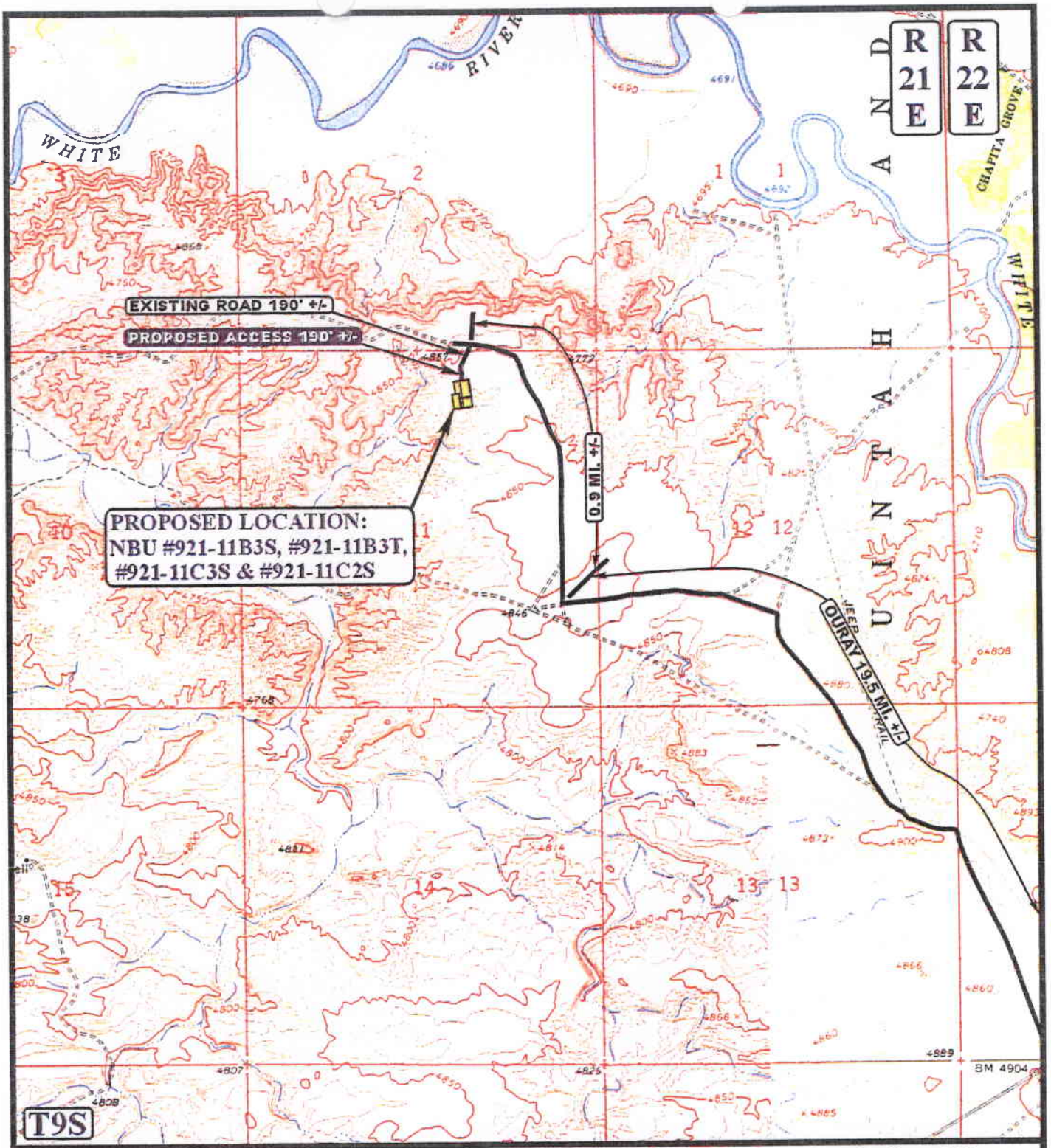
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	06 MONTH	27 DAY	08 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.J.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

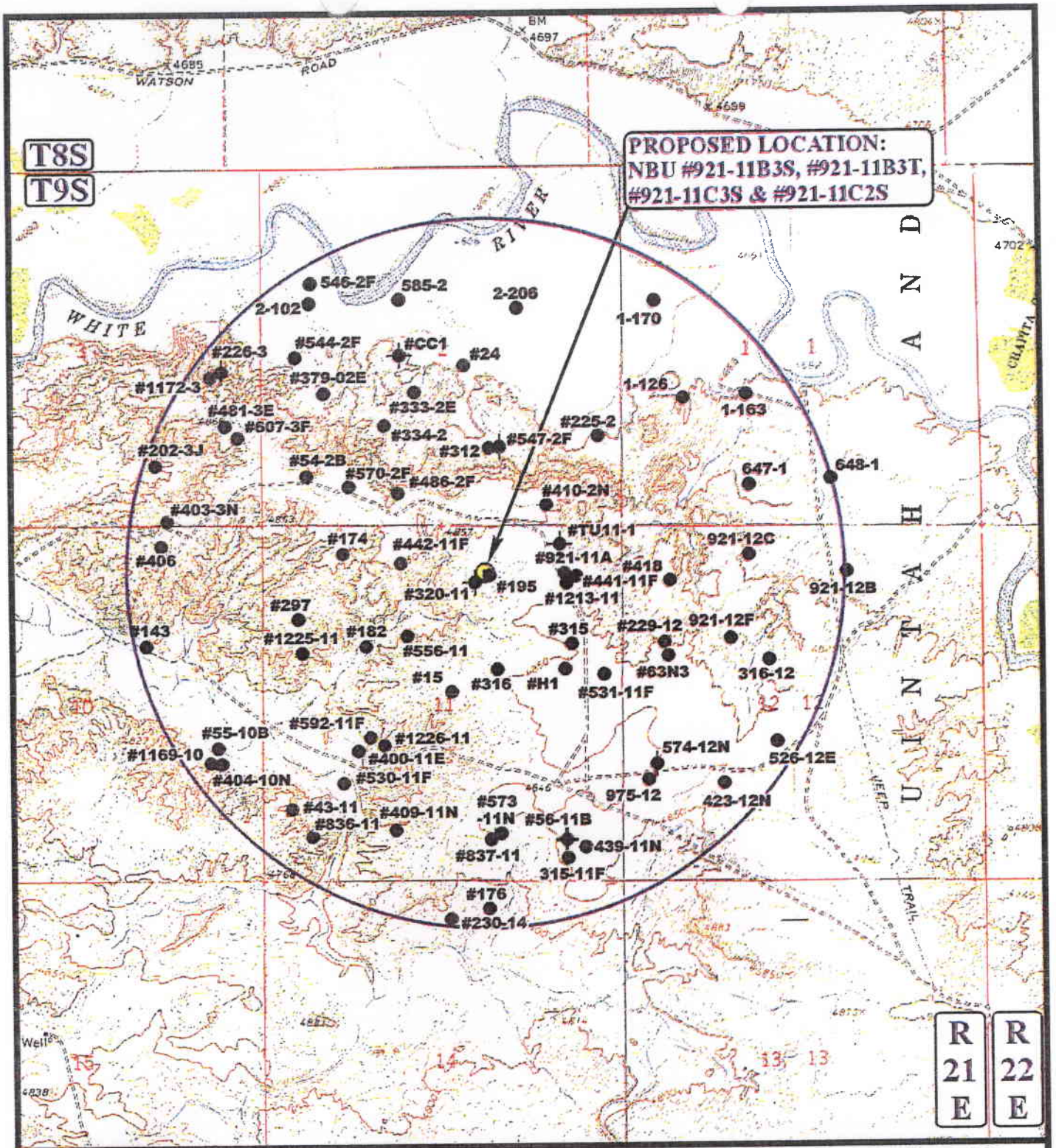
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	06 MONTH	27 DAY	08 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

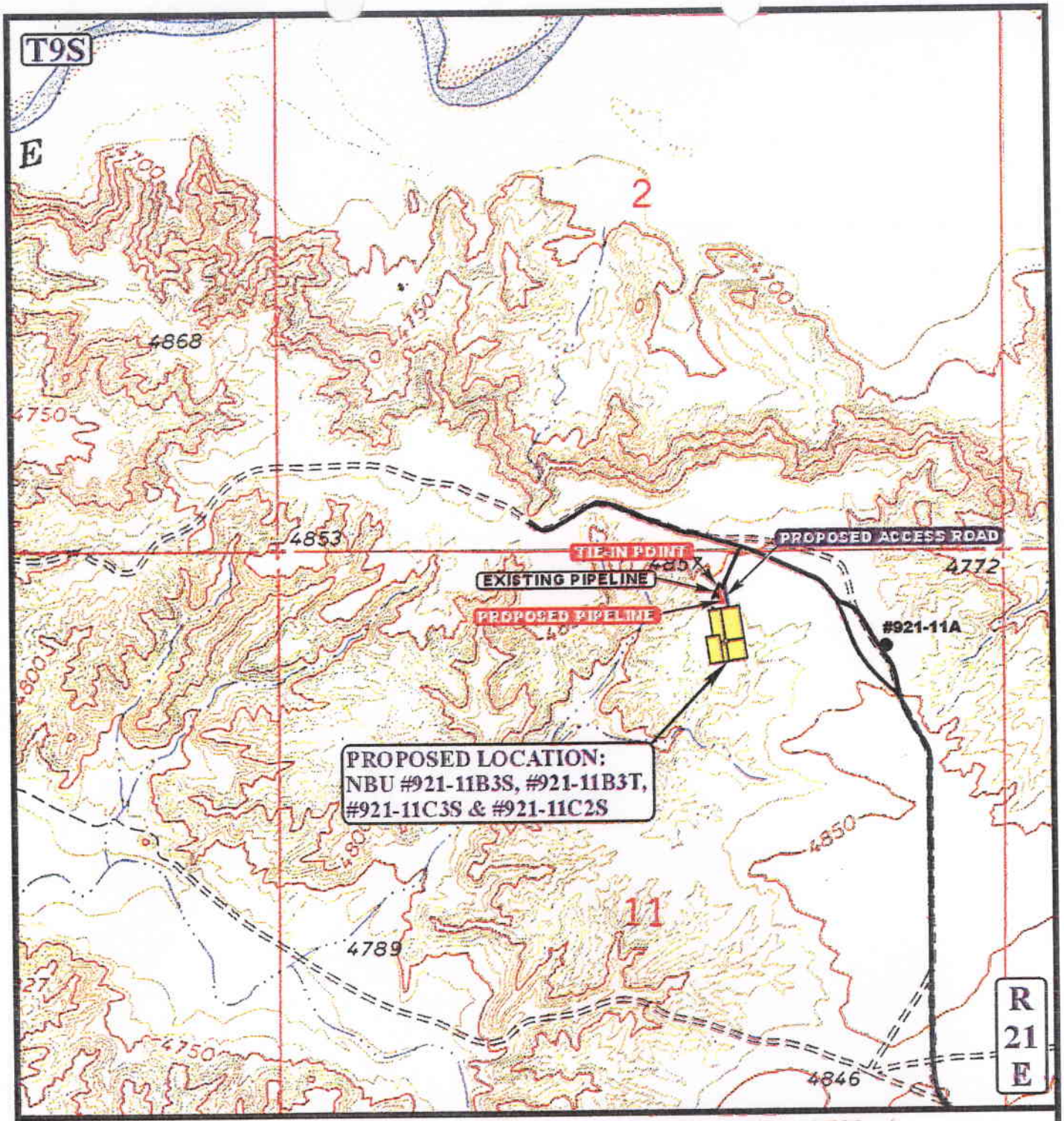
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	06 MONTH	27 DAY	08 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 170' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

Kerr-McGee Oil & Gas Onshore LP

NBU #195A, #921-11B3S, #921-11B3T, #921-11C3S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

N

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	06 MONTH	27 DAY	08 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: J.J.	REVISED: 00-00-00		

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/04/2008

API NO. ASSIGNED: 43-047-40298

WELL NAME: NBU 921-11D4S

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 720-929-6226

CONTACT: KEVIN MCINTYRE

PROPOSED LOCATION:

NWNE 11 090S 210E

SURFACE: 0667 FNL 2033 FEL

BOTTOM: 1137 FNL 1317 FWL

COUNTY: UINTAH

LATITUDE: 40.05602 LONGITUDE: -109.5162

UTM SURF EASTINGS: 626561 NORTHINGS: 4434820

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0141315

PROPOSED FORMATION: WSMVD

SURFACE OWNER: 2 - Indian

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005239)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: NATURAL BUTTES

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 173-14

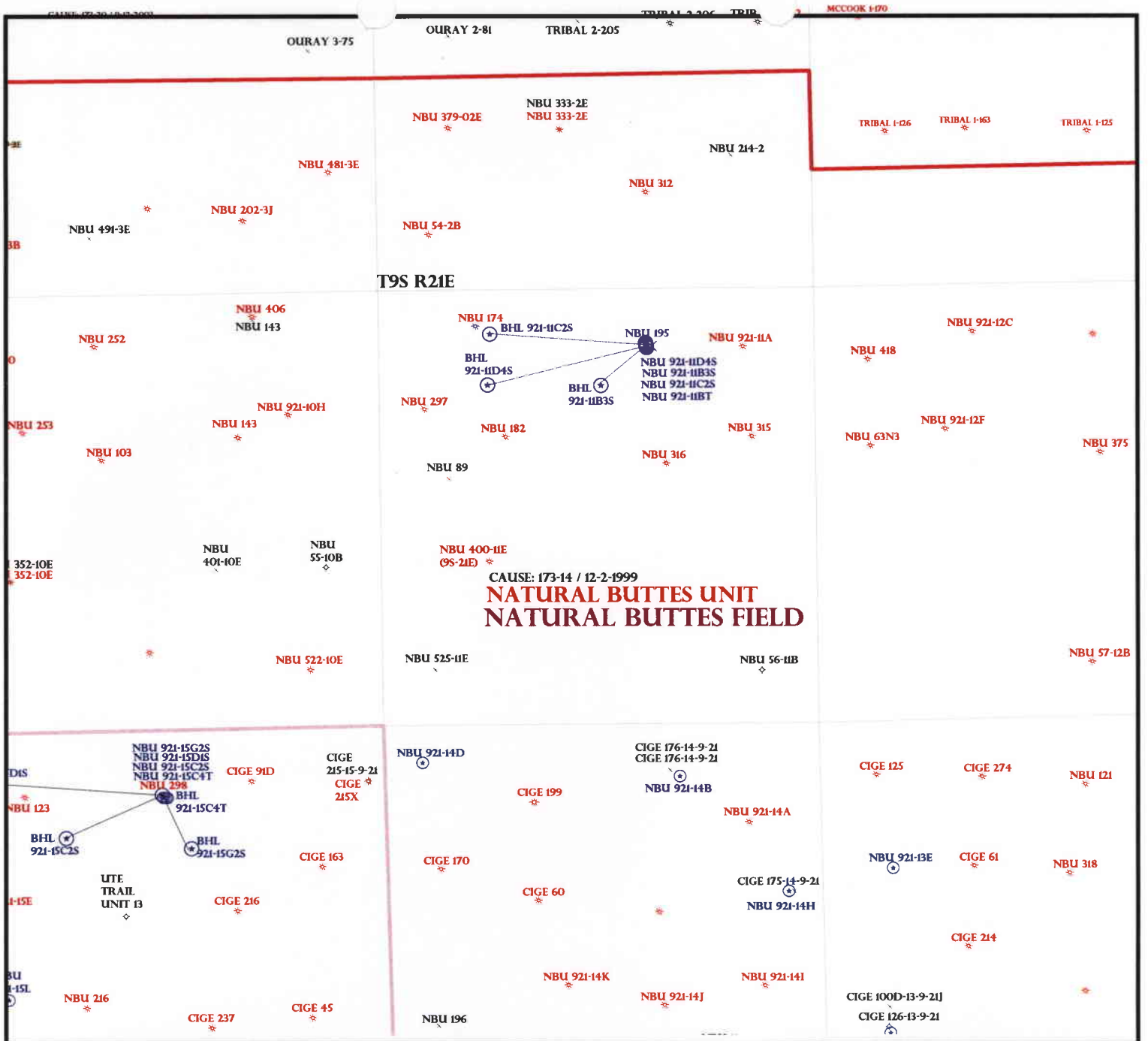
Eff Date: 12-2-1999

Siting: 460' fr ubdry & uncomm. Tract

✓ R649-3-11. Directional Drill

COMMENTS: Sop, Separate File

STIPULATIONS: 1- Federal Approval
2- Oil Shale



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 11 T.9S R. 21E

FIELD: NATURAL BUTTES(630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 5-AUGUST-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 5, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Wasatch/MesaVerde)		
43-047-40298	NBU 921-11D4S	Sec 11 T09S R21E 0667 FNL 2033 FEL BHL Sec 11 T09S R21E 1137 FNL 1317 FWL
43-047-40299	NBU 921-11B3S	Sec 11 T09S R21E 0706 FNL 2028 FEL BHL Sec 11 T09S R21E 1158 FNL 2589 FEL
43-047-40301	NBU 921-11C2S	Sec 11 T09S R21E 0647 FNL 2036 FEL BHL Sec 11 T09S R21E 0521 FNL 1354 FWL
43-047-40302	NBU 921-11BT	Sec 11 T09S R21E 0687 FNL 2030 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 5, 2008

Kerr-McGee Oil & Gas Onshore, LP
P O Box 173779
Denver, CO 80217-3779

Re: NBU 921-11D4S Well, Surface Location 667' FNL, 2033' FEL, NW NE, Sec. 11, T. 9 South, R. 21 East, Bottom Location 1137' FNL, 1317' FWL, NW NW, Sec. 11, T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40298.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Kerr-McGee Oil & Gas Onshore, LP

Well Name & Number NBU 921-11D4S

API Number: 43-047-40298

Lease: UTU-0141315

Surface Location: NW NE **Sec.** 11 **T.** 9 South **R.** 21 East

Bottom Location: NW NW **Sec.** 11 **T.** 9 South **R.** 21 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   Notify the Division with 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

6 In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Form 3160- 5
(August, 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004- 0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other Instructions on reverse side.*

5. Lease Serial No.: UTU-0141315
6. If Indian, Allottee, or Tribe Name: Ute Tribe
7. If Unit or CA. Agreement Name and/or No.: UTU-63047A
8. Well Name and No.: NBU 921-11D4S
9. API Well No.: 43-047-40298
10. Field and Pool, or Exploratory Area: Natural Buttes
11. County or Parish, State: Uintah

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: **Kerr-McGee Oil & Gas Onshore, LP**
3a. Address: P.O. Box 173779, Denver, CO 80217-3779
3b. Phone No. *(include area code)*: 720.929.6226
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: NW NE Sec. 11 T 9S R 21E 667 FNL 2033 FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[X] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Kerr-McGee Oil & Gas Onshore, LP, respectfully submits the following revisions to the TOPO D.

14. I hereby certify that the foregoing is true and correct.

Name *(Printed/ Typed)*: Kevin McIntyre
Title: Regulatory Analyst
Signature: Kevin McIntyre
Date: 10/24/08

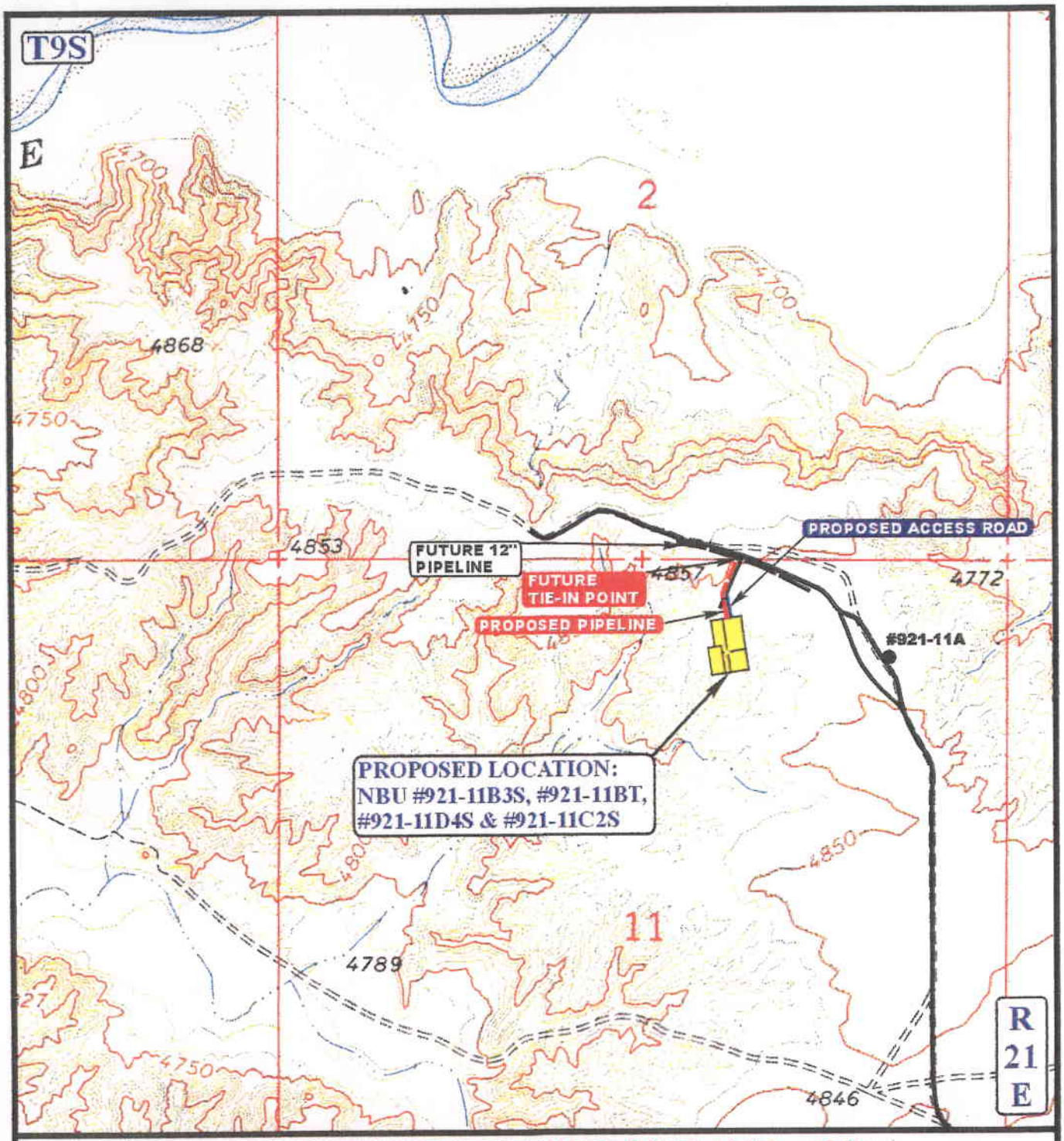
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Title
Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitiousor fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
OCT 29 2008
DIV. OF OIL, GAS & MINING



APPROXIMATE TOTAL PIPELINE DISTANCE = 486' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-11B3S, #921-11BT, #921-11D4S & #921-11C2S
SECTION 11, T9S, R21E, S.L.B.&M.
NW 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 06 MONTH | 27 DAY | 08 YEAR

SCALE: 1" = 1000' | DRAWN BY: J.J. | REVISED: 10-16-08

D TOPO

API Well No: 43047402980000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0141315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-11D4S

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047402980000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0667 FNL 2033 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/31/2009	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 29, 2009

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/27/2009

RECEIVED July 27, 2009

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047402980000

API: 43047402980000
Well Name: NBU 921-11D4S
Location: 0667 FNL 2033 FEL QTR NWNE SEC 11 TWNP 090S RNG 210E MER S
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Date Original Permit Issued: 8/5/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Danielle Piernot **Date:** 7/27/2009
Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: July 29, 2009

By:

RECEIVED July 27, 2009

API Well No: 43047402980000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0141315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-11D4S

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047402980000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0667 FNL 2033 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/9/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SPUD REPORT Date of Spud:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ DRILLING REPORT Report Date:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: August 09, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 8/9/2010

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047402980000

API: 43047402980000
Well Name: NBU 921-11D4S
Location: 0667 FNL 2033 FEL QTR NWNE SEC 11 TWNP 090S RNG 210E MER S
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Date Original Permit Issued: 8/5/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Danielle Piernot **Date:** 8/9/2010
Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: August 09, 2010
By:

RECEIVED August 09, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0141315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-11D4S

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047402980000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6515 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0667 FNL 2033 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/11/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ SPUD REPORT Date of Spud:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: 07/11/2011

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/11/2011

RECEIVED Jul. 11, 2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047402980000

API: 43047402980000
Well Name: NBU 921-11D4S
Location: 0667 FNL 2033 FEL QTR NWNE SEC 11 TWNP 090S RNG 210E MER S
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Date Original Permit Issued: 8/5/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Andy Lytle **Date:** 7/11/2011
Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

RECEIVED Jul. 11, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-0141315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-11D4S

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047402980000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6526

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0667 FNL 2033 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/5/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 31, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/31/2012

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

April 1, 2013

IN REPLY REFER TO:
3160 (UTG011)

Julie Jacobson
Kerr McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779

43 047 40298

Re: Request to Return APD
Well No. NBU 921-11D4S
NWNE, Sec. 11, T9S, R21E
Uintah County, Utah
Lease No. UTU-0141315
Natural Buttes Unit

Dear Julie:

The Application for Permit to Drill (APD) for the above referenced well received in this office on August 7, 2008, is being returned unapproved per your request to this office in an email message to Natural Resource Specialist Tyler Cox received on March 7, 2013. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

Enclosures

cc: UDOGM

bcc: Well File

RECEIVED
MAY 01 2013
DIV. OF OIL, GAS & MINING

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

July 19, 2013

Teena Paulo
Anadarko Petroleum
1099 18th Street, Suite 600
Denver, CO 80202

43 047 40298
NBU 921-11DAS
9S 21E 11

Re: APDs Rescinded for Anadarko Petroleum
Uintah County

Dear Ms. Paulo:

Enclosed find the list of APDs that you requested to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective July 10, 2013.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

43-047-40298	NBU 921-11D4S
43-047-40299	NBU 921-11B3S
43-047-40301	NBU 921-11C2S
43-047-40302	NBU 921-11B3T
43-047-39427	NBU 425-04E